

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055269.D
 Acq On : 26 Apr 2019 12:18
 Operator : JC/SP
 Sample : VN0427MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:56:58 AM

Quant Time: Apr 27 02:25:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	396915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	651263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	551008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	284103	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.59	113	219844	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.09	98	803352	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.40	95	247590	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	112874	22.087	ug/l	100
3) Chloromethane	2.06	50	129006	20.601	ug/l	99
4) Vinyl Chloride	2.19	62	102968	20.520	ug/l	98
5) Bromomethane	2.56	94	56873	19.544	ug/l	97
6) Chloroethane	2.71	64	54792	20.718	ug/l	92
7) Trichlorofluoromethane	3.02	101	143811	21.061	ug/l	99
8) Diethyl Ether	3.41	74	52763	21.648	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	86671	20.340	ug/l	97
10) Methyl Iodide	3.95	142	123139	20.608	ug/l	100
11) Tert butyl alcohol	4.78	59	34486	109.952	ug/l	100
12) 1,1-Dichloroethene	3.74	96	82743	20.262	ug/l	96
13) Acrolein	3.61	56	44886	101.346	ug/l	100
14) Allyl chloride	4.33	41	168479	20.870	ug/l	100
15) Acrylonitrile	4.99	53	187085	108.763	ug/l	99
16) Acetone	3.82	43	167237	94.165	ug/l	96
17) Carbon Disulfide	4.06	76	214652	18.802	ug/l	98
18) Methyl Acetate	4.33	43	88905	22.680	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	242365	21.467	ug/l	99
20) Methylene Chloride	4.55	84	102416	20.059	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	87941	20.537	ug/l	96
22) Diisopropyl ether	5.95	45	351447	21.840	ug/l	95
23) Vinyl Acetate	5.90	43	1199335	110.912	ug/l	99
24) 1,1-Dichloroethane	5.85	63	182565	21.093	ug/l	99
25) 2-Butanone	6.84	43	233012	101.625	ug/l	98
26) 2,2-Dichloropropane	6.82	77	121450	20.735	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	103026	20.871	ug/l	99
28) Bromochloromethane	7.20	49	98204	22.258	ug/l	95
29) Tetrahydrofuran	7.22	42	158087	112.138	ug/l	99
30) Chloroform	7.37	83	169600	20.600	ug/l	95
31) Cyclohexane	7.66	56	171036	20.335	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	137977	20.860	ug/l	98
36) 1,1-Dichloropropene	7.79	75	127440	21.083	ug/l	99
37) Ethyl Acetate	6.93	43	103798	21.277	ug/l	98
38) Carbon Tetrachloride	7.78	117	115414	20.389	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055269.D
 Acq On : 26 Apr 2019 12:18
 Operator : JC/SP
 Sample : VN0427MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:56:58 AM

Quant Time: Apr 27 02:25:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	135687	18.816	ug/l	99
40) Benzene	8.04	78	384602	20.611	ug/l	99
41) Methacrylonitrile	7.18	41	49608m	19.397	ug/l	
42) 1,2-Dichloroethane	8.12	62	133407	20.493	ug/l	100
43) Isopropyl Acetate	8.17	43	170761	21.616	ug/l #	88
44) Trichloroethene	8.84	130	96132	20.383	ug/l	96
45) 1,2-Dichloropropane	9.12	63	110038	20.891	ug/l	99
46) Dibromomethane	9.21	93	61618	20.436	ug/l	98
47) Bromodichloromethane	9.40	83	126639	20.980	ug/l	97
48) Methyl methacrylate	9.20	41	80638	21.044	ug/l	97
49) 1,4-Dioxane	9.20	88	17992	406.583	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	482721	106.194	ug/l	99
52) Toluene	10.16	92	226698	20.724	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	113975	20.575	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	143630	20.894	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	82350	20.420	ug/l	99
56) Ethyl methacrylate	10.43	69	106162	21.131	ug/l	97
57) 1,3-Dichloropropane	10.71	76	145616	20.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	130471	75.638	ug/l	100
59) 2-Hexanone	10.75	43	297235	103.521	ug/l	100
60) Dibromochloromethane	10.90	129	82858	19.947	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78526	20.710	ug/l	100
64) Tetrachloroethene	10.63	164	92753	20.635	ug/l	98
65) Chlorobenzene	11.43	112	220406	19.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	85173	20.433	ug/l	100
67) Ethyl Benzene	11.51	91	410210	20.476	ug/l	97
68) m/p-Xylenes	11.62	106	293289	40.818	ug/l	100
69) o-Xylene	11.95	106	145909	20.462	ug/l	98
70) Styrene	11.96	104	232435	21.029	ug/l	100
71) Bromoform	12.13	173	49737	19.995	ug/l #	99
73) Isopropylbenzene	12.25	105	386204	22.848	ug/l	100
74) N-amyl acetate	12.07	43	111130	21.588	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	100405	23.429	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	81189m	20.043	ug/l	
77) Bromobenzene	12.53	156	89826	20.378	ug/l	96
78) n-propylbenzene	12.59	91	414416	20.696	ug/l	99
79) 2-Chlorotoluene	12.67	91	257108	20.334	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	309134	20.682	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	21820	20.420	ug/l	96
82) 4-Chlorotoluene	12.77	91	238793	20.527	ug/l	99
83) tert-Butylbenzene	12.99	119	264876	22.368	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	291551	20.670	ug/l	98
85) sec-Butylbenzene	13.17	105	340823	20.155	ug/l	98
86) p-Isopropyltoluene	13.29	119	283890	20.378	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	135391	20.009	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	131022	19.888	ug/l	99
89) n-Butylbenzene	13.61	91	197209	19.098	ug/l	99
90) Hexachloroethane	13.87	117	47828	19.358	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	138938	19.991	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12759	21.044	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
Data File : VN055269.D
Acq On : 26 Apr 2019 12:18
Operator : JC/SP
Sample : VN0427MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0427MBS01

Manual Integrations
APPROVED

MMDadoda
4/29/2019 10:56:58 AM

Quant Time: Apr 27 02:25:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41999	16.258	ug/l	96
94) Hexachlorobutadiene	15.01	225	47114	21.988	ug/l	95
95) Naphthalene	15.13	128	92822	16.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	46466	17.381	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

