

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054481.D
 Acq On : 21 Mar 2019 00:16
 Operator : JC/SP
 Sample : VN0320WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 3:51:14 PM

Quant Time: Mar 22 05:45:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	512461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	831522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	314218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	353182	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
35) Dibromofluoromethane	7.59	113	283429	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.09	98	1049287	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.40	95	351471	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	104127	21.255	ug/l	99
3) Chloromethane	2.06	50	147456	22.122	ug/l	99
4) Vinyl Chloride	2.19	62	142216	21.251	ug/l	99
5) Bromomethane	2.57	94	85249	19.700	ug/l	99
6) Chloroethane	2.71	64	81830	20.386	ug/l	99
7) Trichlorofluoromethane	3.02	101	167947	20.665	ug/l	99
8) Diethyl Ether	3.41	74	64378	20.597	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.75	101	91551	19.168	ug/l	97
10) Methyl Iodide	3.94	142	132894	18.915	ug/l	94
11) Tert butyl alcohol	4.82	59	38791	100.519	ug/l	99
12) 1,1-Dichloroethene	3.73	96	98974	20.024	ug/l	87
13) Acrolein	3.61	56	45086	84.660	ug/l	99
14) Allyl chloride	4.32	41	189001	20.306	ug/l #	92
15) Acrylonitrile	5.00	53	207777	108.117	ug/l	100
16) Acetone	3.82	43	155052	80.908	ug/l	89
17) Carbon Disulfide	4.04	76	251103	18.960	ug/l	99
18) Methyl Acetate	4.33	43	94467	22.116	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	315711	21.886	ug/l	95
20) Methylene Chloride	4.55	84	118404	20.960	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	110541	21.901	ug/l	86
22) Diisopropyl ether	5.96	45	402216	21.908	ug/l #	96
23) Vinyl Acetate	5.90	43	1397417	107.770	ug/l #	94
24) 1,1-Dichloroethane	5.84	63	215082	21.758	ug/l	98
25) 2-Butanone	6.85	43	249036	101.444	ug/l	90
26) 2,2-Dichloropropane	6.82	77	118859	16.867	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	127879	21.242	ug/l	91
28) Bromochloromethane	7.20	49	102947	21.157	ug/l #	75
29) Tetrahydrofuran	7.22	42	176468	110.772	ug/l #	86
30) Chloroform	7.37	83	204921	21.242	ug/l	99
31) Cyclohexane	7.65	56	209417	21.033	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	170528	21.426	ug/l	96
36) 1,1-Dichloropropene	7.79	75	159898	20.566	ug/l	96
37) Ethyl Acetate	6.94	43	120062	21.712	ug/l #	94
38) Carbon Tetrachloride	7.77	117	145254	19.225	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054481.D
 Acq On : 21 Mar 2019 00:16
 Operator : JC/SP
 Sample : VN0320WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0320WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 3:51:14 PM

Quant Time: Mar 22 05:45:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	178266	20.044	ug/l	89
40) Benzene	8.04	78	468935	21.092	ug/l	100
41) Methacrylonitrile	7.18	41	66734	19.789	ug/l	91
42) 1,2-Dichloroethane	8.13	62	168185	20.772	ug/l	99
43) Isopropyl Acetate	8.17	43	193488	20.719	ug/l #	95
44) Trichloroethene	8.83	130	127893	20.691	ug/l	92
45) 1,2-Dichloropropane	9.12	63	128741	21.565	ug/l	97
46) Dibromomethane	9.21	93	76513	21.483	ug/l	90
47) Bromodichloromethane	9.40	83	151580	20.508	ug/l	97
48) Methyl methacrylate	9.20	41	104048	20.527	ug/l	87
49) 1,4-Dioxane	9.20	88	22631	399.374	ug/l #	86
51) 4-Methyl-2-Pentanone	9.99	43	548420	105.962	ug/l	94
52) Toluene	10.16	92	282112	20.631	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	131232	18.312	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	167888	19.810	ug/l #	91
55) 1,1,2-Trichloroethane	10.56	97	103504	21.058	ug/l	98
56) Ethyl methacrylate	10.43	69	131625	19.951	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	180228	21.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	257496	94.785	ug/l	92
59) 2-Hexanone	10.75	43	337148	99.728	ug/l	93
60) Dibromochloromethane	10.90	129	102723	19.640	ug/l	100
61) 1,2-Dibromoethane	11.01	107	101363	20.859	ug/l	99
64) Tetrachloroethene	10.63	164	124427	20.696	ug/l	95
65) Chlorobenzene	11.43	112	296717	20.127	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	109303	20.656	ug/l	100
67) Ethyl Benzene	11.51	91	524012	20.122	ug/l	99
68) m/p-Xylenes	11.62	106	396365	40.184	ug/l	98
69) o-Xylene	11.95	106	193579	20.095	ug/l	96
70) Styrene	11.96	104	316214	20.214	ug/l	97
71) Bromoform	12.13	173	60428	18.049	ug/l #	100
73) Isopropylbenzene	12.25	105	513086	20.264	ug/l	98
74) N-amyl acetate	12.07	43	153975	21.149	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	120945	20.925	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	115192m	23.102	ug/l	
77) Bromobenzene	12.53	156	123840	19.720	ug/l	87
78) n-propylbenzene	12.59	91	560694	20.421	ug/l	97
79) 2-Chlorotoluene	12.67	91	341439	19.942	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	425057	20.483	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19548	15.830	ug/l #	66
82) 4-Chlorotoluene	12.77	91	329994	19.884	ug/l	98
83) tert-Butylbenzene	12.99	119	375395	20.782	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	419327	20.593	ug/l	99
85) sec-Butylbenzene	13.17	105	465585	20.676	ug/l	97
86) p-Isopropyltoluene	13.29	119	421225	20.909	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	206633	19.856	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	198360	19.591	ug/l	96
89) n-Butylbenzene	13.61	91	313377	19.894	ug/l	98
90) Hexachloroethane	13.87	117	60001	19.187	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	210320	20.866	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16973	20.020	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
Data File : VN054481.D
Acq On : 21 Mar 2019 00:16
Operator : JC/SP
Sample : VN0320WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Manual Integrations
APPROVED

MMDadoda
3/22/2019 3:51:14 PM

Quant Time: Mar 22 05:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	101747	20.249	ug/l	98
94) Hexachlorobutadiene	15.01	225	67131	22.411	ug/l	98
95) Naphthalene	15.13	128	224854	20.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	102636	20.523	ug/l	99

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

