

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054662.D
 Acq On : 25 Mar 2019 10:36
 Operator : JC/SP
 Sample : VN0325WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 12:32:50 PM

Quant Time: Mar 26 01:54:44 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	7.67	168	429751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	687634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	583639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	245650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	277881	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	7.59	113	217817	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.09	98	804912	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	269861	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	84334	20.528	ug/l	98
3) Chloromethane	2.06	50	111841	20.008	ug/l	97
4) Vinyl Chloride	2.19	62	103381	18.421	ug/l	99
5) Bromomethane	2.57	94	57908	15.958	ug/l	98
6) Chloroethane	2.71	64	58021	17.237	ug/l	98
7) Trichlorofluoromethane	3.02	101	129814	19.047	ug/l	99
8) Diethyl Ether	3.41	74	43461	16.581	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	3.75	101	71082	17.746	ug/l	92
10) Methyl Iodide	3.94	142	91858	15.590	ug/l #	87
11) Tert butyl alcohol	4.82	59	32414	100.160	ug/l	100
12) 1,1-Dichloroethene	3.73	96	67244	16.222	ug/l #	77
13) Acrolein	3.61	56	40993	91.788	ug/l	100
14) Allyl chloride	4.32	41	153188	19.626	ug/l #	91
15) Acrylonitrile	5.00	53	165330	102.587	ug/l	98
16) Acetone	3.82	43	173307	107.838	ug/l #	86
17) Carbon Disulfide	4.04	76	186792	16.818	ug/l	97
18) Methyl Acetate	4.33	43	76409	21.331	ug/l #	89
19) Methyl tert-butyl Ether	5.06	73	241528	19.966	ug/l	96
20) Methylene Chloride	4.54	84	91008	19.210	ug/l #	82
21) trans-1,2-Dichloroethene	5.04	96	81239	19.194	ug/l #	84
22) Diisopropyl ether	5.96	45	320936	20.845	ug/l #	95
23) Vinyl Acetate	5.90	43	1124289	103.394	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	170967	20.624	ug/l	98
25) 2-Butanone	6.85	43	227276	110.398	ug/l	89
26) 2,2-Dichloropropane	6.82	77	119023	20.141	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	95720	18.960	ug/l	86
28) Bromochloromethane	7.20	49	84535	20.717	ug/l #	72
29) Tetrahydrofuran	7.22	42	141996	106.288	ug/l #	84
30) Chloroform	7.37	83	165637	20.474	ug/l	95
31) Cyclohexane	7.65	56	160707	19.083	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	134976	20.223	ug/l	94
36) 1,1-Dichloropropene	7.79	75	123191	19.161	ug/l	96
37) Ethyl Acetate	6.94	43	93140	20.368	ug/l	97
38) Carbon Tetrachloride	7.77	117	113718	18.201	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	140009	19.037	ug/l	91
40) Benzene	8.04	78	361538	19.665	ug/l	97
41) Methacrylonitrile	7.18	41	47067	16.877	ug/l	94
42) 1,2-Dichloroethane	8.13	62	132839	19.840	ug/l	98
43) Isopropyl Acetate	8.17	43	156162	20.221	ug/l #	94
44) Trichloroethene	8.83	130	94555	18.499	ug/l	92
45) 1,2-Dichloropropane	9.12	63	100592	20.376	ug/l	98
46) Dibromomethane	9.21	93	57802	19.626	ug/l	89
47) Bromodichloromethane	9.40	83	120507	19.715	ug/l	95
48) Methyl methacrylate	9.20	41	79995	19.084	ug/l	88
49) 1,4-Dioxane	9.20	88	17677	377.225	ug/l #	78
51) 4-Methyl-2-Pentanone	9.99	43	438303	102.406	ug/l	94
52) Toluene	10.16	92	215376	19.047	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	104899	17.775	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	134737	19.225	ug/l #	87
55) 1,1,2-Trichloroethane	10.56	97	79659	19.598	ug/l	98
56) Ethyl methacrylate	10.43	69	102930	18.866	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	142519	20.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	144581	64.357	ug/l #	88
59) 2-Hexanone	10.75	43	292806	104.735	ug/l	90
60) Dibromochloromethane	10.90	129	79970	18.489	ug/l	98
61) 1,2-Dibromoethane	11.00	107	76001	18.913	ug/l	100
64) Tetrachloroethene	10.63	164	93309	19.275	ug/l	97
65) Chlorobenzene	11.43	112	227026	19.125	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	83661	19.635	ug/l	98
67) Ethyl Benzene	11.51	91	407891	19.453	ug/l	97
68) m/p-Xylenes	11.62	106	302991	38.149	ug/l	96
69) o-Xylene	11.95	106	146359	18.869	ug/l	95
70) Styrene	11.96	104	240099	19.061	ug/l	97
71) Bromoform	12.13	173	46412	17.319	ug/l #	99
73) Isopropylbenzene	12.25	105	389327	19.668	ug/l	98
74) N-amyl acetate	12.07	43	116581	20.482	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	94911	21.004	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	82476m	21.158	ug/l	
77) Bromobenzene	12.53	156	94389	19.226	ug/l	87
78) n-propylbenzene	12.59	91	424486	19.776	ug/l	96
79) 2-Chlorotoluene	12.67	91	259025	19.351	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	313748	19.339	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	17560	17.716	ug/l #	72
82) 4-Chlorotoluene	12.77	91	251456	19.381	ug/l	96
83) tert-Butylbenzene	12.99	119	269449	19.080	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	306293	19.241	ug/l	100
85) sec-Butylbenzene	13.17	105	350399	19.904	ug/l	98
86) p-Isopropyltoluene	13.29	119	308129	19.564	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	156041	19.180	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	147536	18.638	ug/l	97
89) n-Butylbenzene	13.61	91	244008	19.814	ug/l	97
90) Hexachloroethane	13.87	117	47818	19.560	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	151183	19.185	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13650	20.595	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68137	17.345	ug/l	99
94) Hexachlorobutadiene	15.01	225	53253	22.778	ug/l	99
95) Naphthalene	15.13	128	149346	17.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	67869	17.359	ug/l	97

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

