

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102919\
 Data File : VN059005.D
 Acq On : 29 Oct 2019 13:11
 Operator : JC/SP
 Sample : VN1029WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 3:53:45 PM

Quant Time: Oct 30 03:48:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	407622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	659531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	599900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	297737	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.57	113	225513	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.08	98	841580	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	306435	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	90020	17.713	ug/l	99
3) Chloromethane	2.04	50	116878	18.569	ug/l	99
4) Vinyl Chloride	2.17	62	120664	19.307	ug/l	99
5) Bromomethane	2.54	94	69019	17.635	ug/l	98
6) Chloroethane	2.69	64	73749	18.401	ug/l	99
7) Trichlorofluoromethane	3.00	101	152775	19.756	ug/l	99
8) Diethyl Ether	3.39	74	58025	21.713	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	85992	20.059	ug/l	98
10) Methyl Iodide	3.93	142	99672	17.678	ug/l	100
11) Tert butyl alcohol	4.75	59	107864	108.724	ug/l	100
12) 1,1-Dichloroethene	3.72	96	81884	20.377	ug/l	96
13) Acrolein	3.58	56	45704	67.047	ug/l	96
14) Allyl chloride	4.30	41	167679	20.621	ug/l	97
15) Acrylonitrile	4.96	53	276589	110.834	ug/l	100
16) Acetone	3.79	43	286727	97.058	ug/l	99
17) Carbon Disulfide	4.03	76	227752	17.595	ug/l	99
18) Methyl Acetate	4.30	43	163204	24.299	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	305982	21.746	ug/l	100
20) Methylene Chloride	4.53	84	99929	19.810	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	89460	20.159	ug/l	97
22) Diisopropyl ether	5.93	45	352683	22.175	ug/l	96
23) Vinyl Acetate	5.87	43	1439898	112.684	ug/l	99
24) 1,1-Dichloroethane	5.82	63	191167	20.729	ug/l	99
25) 2-Butanone	6.81	43	396488	103.391	ug/l	97
26) 2,2-Dichloropropane	6.80	77	159281	19.968	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	107088	21.124	ug/l	98
28) Bromochloromethane	7.17	49	57158	18.610	ug/l	97
29) Tetrahydrofuran	7.19	42	259947	110.809	ug/l	99
30) Chloroform	7.35	83	187421	20.260	ug/l	100
31) Cyclohexane	7.63	56	164688	19.169	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	158623	20.343	ug/l	99
36) 1,1-Dichloropropene	7.77	75	136427	20.205	ug/l	99
37) Ethyl Acetate	6.91	43	160463	21.810	ug/l	99
38) Carbon Tetrachloride	7.76	117	136963	19.690	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	145483	19.189	ug/l	99
40) Benzene	8.02	78	404777	20.415	ug/l	97
41) Methacrylonitrile	7.15	41	59246	18.080	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	153263	20.066	ug/l	100
43) Isopropyl Acetate	8.15	43	250291	21.212	ug/l	99
44) Trichloroethene	8.82	130	98131	20.317	ug/l	99
45) 1,2-Dichloropropane	9.11	63	115672	21.275	ug/l	100
46) Dibromomethane	9.20	93	69526	20.228	ug/l	99
47) Bromodichloromethane	9.39	83	144849	20.447	ug/l	99
48) Methyl methacrylate	9.19	41	112087	20.937	ug/l	98
49) 1,4-Dioxane	9.18	88	36189	411.793	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	807559	117.173	ug/l	99
52) Toluene	10.15	92	247300	21.032	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	161632	20.610	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	175790	20.981	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	101444	20.943	ug/l	97
56) Ethyl methacrylate	10.42	69	154095	20.242	ug/l	98
57) 1,3-Dichloropropane	10.70	76	179414	21.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	300194	91.055	ug/l	100
59) 2-Hexanone	10.75	43	601228	112.892	ug/l	99
60) Dibromochloromethane	10.90	129	108647	20.839	ug/l	100
61) 1,2-Dibromoethane	11.00	107	101985	20.574	ug/l	98
64) Tetrachloroethene	10.63	164	84308	20.067	ug/l	94
65) Chlorobenzene	11.43	112	261958	21.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	100352	21.774	ug/l	100
67) Ethyl Benzene	11.51	91	466825	21.789	ug/l	98
68) m/p-Xylenes	11.62	106	343413	43.222	ug/l	100
69) o-Xylene	11.95	106	163177	21.534	ug/l	99
70) Styrene	11.97	104	267116	20.156	ug/l	99
71) Bromoform	12.13	173	77016	21.550	ug/l #	98
73) Isopropylbenzene	12.25	105	447626	21.771	ug/l	99
74) N-amyl acetate	12.07	43	206035	22.103	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	161178	22.294	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	141343m	21.677	ug/l	
77) Bromobenzene	12.53	156	109848	21.675	ug/l	97
78) n-propylbenzene	12.59	91	521101	21.441	ug/l	99
79) 2-Chlorotoluene	12.68	91	317070	21.316	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	379288	21.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52575	21.005	ug/l	99
82) 4-Chlorotoluene	12.78	91	319981	21.050	ug/l	99
83) tert-Butylbenzene	13.00	119	327030	22.138	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	375555	22.041	ug/l	98
85) sec-Butylbenzene	13.18	105	434725	22.072	ug/l	99
86) p-Isopropyltoluene	13.29	119	382393	22.004	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	188213	20.770	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	185156	20.408	ug/l	98
89) n-Butylbenzene	13.62	91	327709	20.528	ug/l	99
90) Hexachloroethane	13.88	117	74576	21.178	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	190557	21.395	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	33584	20.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	102765	19.925	ug/l	99
94) Hexachlorobutadiene	15.01	225	60563	20.979	ug/l	99
95) Naphthalene	15.13	128	279709	18.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	102707	20.309	ug/l	100

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

