

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064330.D
 Acq On : 27 Oct 2020 16:51
 Operator : JC/MD
 Sample : VN1027WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:36:15 PM

Quant Time: Oct 28 04:40:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201402	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.55	113	136339	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	10.06	98	491838	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.38	95	192621	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53183	18.359	ug/l	96
3) Chloromethane	2.04	50	58364	18.638	ug/l	99
4) Vinyl Chloride	2.16	62	58120	19.188	ug/l	96
5) Bromomethane	2.53	94	37441	19.130	ug/l	98
6) Chloroethane	2.67	64	34575	19.103	ug/l	98
7) Trichlorofluoromethane	2.99	101	95671	18.854	ug/l	96
8) Diethyl Ether	3.38	74	30290	18.870	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48993	19.210	ug/l	98
10) Methyl Iodide	3.91	142	62864	18.471	ug/l	100
11) Tert butyl alcohol	4.73	59	51653	87.862	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	44664	18.551	ug/l	94
13) Acrolein	3.58	56	12727	110.384	ug/l	86
14) Allyl chloride	4.28	41	91539	18.620	ug/l	99
15) Acrylonitrile	4.93	53	112853	89.265	ug/l	97
16) Acetone	3.78	43	119360	81.499	ug/l	95
17) Carbon Disulfide	4.01	76	130768	18.357	ug/l	99
18) Methyl Acetate	4.28	43	53805	17.686	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	177479	19.185	ug/l	99
20) Methylene Chloride	4.51	84	53634	18.674	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	50257	18.712	ug/l	93
22) Diisopropyl ether	5.90	45	181303	18.868	ug/l	97
23) Vinyl Acetate	5.85	43	786909	96.795	ug/l	100
24) 1,1-Dichloroethane	5.80	63	103121	19.178	ug/l	98
25) 2-Butanone	6.78	43	175390	86.254	ug/l	100
26) 2,2-Dichloropropane	6.78	77	95586	18.164	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	60291	19.614	ug/l	96
28) Bromochloromethane	7.15	49	42032	16.407	ug/l	94
29) Tetrahydrofuran	7.17	42	115269	87.320	ug/l	99
30) Chloroform	7.33	83	105690	18.415	ug/l	97
31) Cyclohexane	7.61	56	89849	19.116	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	102714	18.637	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80178	18.854	ug/l	98
37) Ethyl Acetate	6.88	43	76114	17.720	ug/l	99
38) Carbon Tetrachloride	7.73	117	90160	18.288	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77876	18.469	ug/l	97
40) Benzene	8.00	78	216312	18.274	ug/l	98
41) Methacrylonitrile	7.14	41	39163m	18.367	ug/l	
42) 1,2-Dichloroethane	8.09	62	95686	18.713	ug/l	98
43) Isopropyl Acetate	8.13	43	131576	17.919	ug/l #	93
44) Trichloroethene	8.80	130	56298	18.156	ug/l	87
45) 1,2-Dichloropropane	9.08	63	57099	18.014	ug/l	95
46) Dibromomethane	9.18	93	40828	18.412	ug/l	97
47) Bromodichloromethane	9.37	83	87985	17.904	ug/l	100
48) Methyl methacrylate	9.16	41	65776	17.362	ug/l	99
49) 1,4-Dioxane	9.16	88	17970	321.822	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	374463	87.733	ug/l	100
52) Toluene	10.13	92	137000	18.342	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	94109	18.111	ug/l	93
54) cis-1,3-Dichloropropene	9.81	75	99866	18.670	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	53616	18.185	ug/l	96
56) Ethyl methacrylate	10.40	69	80856	18.116	ug/l	98
57) 1,3-Dichloropropane	10.68	76	93665	18.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	202122	82.989	ug/l	100
59) 2-Hexanone	10.72	43	275925	87.775	ug/l	97
60) Dibromochloromethane	10.87	129	64368	18.464	ug/l	99
61) 1,2-Dibromoethane	10.98	107	58983	19.633	ug/l	99
64) Tetrachloroethene	10.60	164	60992	19.540	ug/l	99
65) Chlorobenzene	11.41	112	145687	18.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	57142	18.362	ug/l	98
67) Ethyl Benzene	11.48	91	268574	18.763	ug/l	95
68) m/p-Xylenes	11.59	106	196842	37.108	ug/l	99
69) o-Xylene	11.92	106	94845	18.559	ug/l	98
70) Styrene	11.94	104	153856	18.362	ug/l	97
71) Bromoform	12.10	173	42654	17.464	ug/l #	100
73) Isopropylbenzene	12.22	105	253912	19.180	ug/l	99
74) N-amyl acetate	12.05	43	109282	18.754	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	69721	18.118	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	77636m	18.341	ug/l	
77) Bromobenzene	12.50	156	63581	19.613	ug/l	98
78) n-propylbenzene	12.57	91	286465	19.113	ug/l	99
79) 2-Chlorotoluene	12.65	91	179733	18.759	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	212961	19.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25923	17.641	ug/l	91
82) 4-Chlorotoluene	12.75	91	185191	18.974	ug/l	100
83) tert-Butylbenzene	12.97	119	177567	19.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	213459	19.071	ug/l	99
85) sec-Butylbenzene	13.14	105	222378	18.695	ug/l	99
86) p-Isopropyltoluene	13.26	119	206759	19.294	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106137	18.702	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	107677	18.628	ug/l	99
89) n-Butylbenzene	13.59	91	172158	18.236	ug/l	99
90) Hexachloroethane	13.85	117	39554	19.653	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	104743	18.564	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17402	18.225	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54699	18.205	ug/l	96
94) Hexachlorobutadiene	14.98	225	31053	17.935	ug/l	96
95) Naphthalene	15.10	128	165958	18.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53640	18.594	ug/l	97

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

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