

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018265.D
 Acq On : 08 Sep 2020 11:17
 Operator : JC/SP
 Sample : VX0908WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:20 PM

Quant Time: Sep 09 01:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	447076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	684605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	638952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	346845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	307165	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	5.46	113	239201	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	8.70	98	834027	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.12	95	322353	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	103574	19.028	ug/l	98
3) Chloromethane	1.32	50	96616	16.836	ug/l	100
4) Vinyl Chloride	1.40	62	99720	17.456	ug/l	100
5) Bromomethane	1.63	94	64391	23.369	ug/l	94
6) Chloroethane	1.72	64	58200	18.969	ug/l	97
7) Trichlorofluoromethane	1.92	101	167749	21.535	ug/l	96
8) Diethyl Ether	2.17	74	50975	19.296	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85328	20.262	ug/l	98
10) Methyl Iodide	2.50	142	75580	20.288	ug/l	96
11) Tert butyl alcohol	3.01	59	96112	79.643	ug/l	97
12) 1,1-Dichloroethene	2.36	96	79526	18.202	ug/l	100
13) Acrolein	2.27	56	23438	46.840	ug/l	90
14) Allyl chloride	2.71	41	140253	17.868	ug/l	95
15) Acrylonitrile	3.11	53	234105	85.520	ug/l	98
16) Acetone	2.42	43	213079	88.105	ug/l	95
17) Carbon Disulfide	2.55	76	224216	16.976	ug/l	97
18) Methyl Acetate	2.75	43	110849	18.994	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	284621	18.995	ug/l	99
20) Methylene Chloride	2.84	84	96861	18.860	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	88091	18.199	ug/l	98
22) Diisopropyl ether	3.82	45	287725	18.572	ug/l	96
23) Vinyl Acetate	3.78	43	1238486	89.840	ug/l	100
24) 1,1-Dichloroethane	3.67	63	162433	18.418	ug/l	97
25) 2-Butanone	4.64	43	321344	80.849	ug/l	98
26) 2,2-Dichloropropane	4.55	77	161398	22.493	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	102111	18.309	ug/l	98
28) Bromochloromethane	4.98	49	74509	17.503	ug/l	96
29) Tetrahydrofuran	5.09	42	200806	79.364	ug/l	99
30) Chloroform	5.17	83	177302	19.416	ug/l	97
31) Cyclohexane	5.55	56	130798	17.607	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	167829	20.027	ug/l	99
36) 1,1-Dichloropropene	5.77	75	125029	19.801	ug/l	100
37) Ethyl Acetate	4.79	43	124945	17.037	ug/l	99
38) Carbon Tetrachloride	5.76	117	153347	21.549	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	132448	19.182	ug/l	97
40) Benzene	6.11	78	353038	19.027	ug/l	98
41) Methacrylonitrile	5.00	41	68429	16.993	ug/l	98
42) 1,2-Dichloroethane	6.16	62	146683	20.634	ug/l	98
43) Isopropyl Acetate	6.41	43	201956	17.049	ug/l	98
44) Trichloroethene	7.19	130	103696	19.779	ug/l	98
45) 1,2-Dichloropropane	7.49	63	95325	19.062	ug/l	100
46) Dibromomethane	7.64	93	66094	18.795	ug/l	99
47) Bromodichloromethane	7.88	83	142691	20.322	ug/l	95
48) Methyl methacrylate	7.74	41	102201	17.332	ug/l	96
49) 1,4-Dioxane	7.71	88	34391	321.968	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	640344	87.514	ug/l	100
52) Toluene	8.76	92	222702	18.929	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	151111	19.418	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	157466	19.101	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	94550	18.843	ug/l	98
56) Ethyl methacrylate	9.16	69	135132	18.116	ug/l	96
57) 1,3-Dichloropropane	9.35	76	155018	18.731	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	247700	73.817	ug/l	97
59) 2-Hexanone	9.47	43	490260	88.116	ug/l	97
60) Dibromochloromethane	9.56	129	116308	19.759	ug/l	97
61) 1,2-Dibromoethane	9.65	107	101505	18.633	ug/l	98
64) Tetrachloroethene	9.32	164	103738	22.094	ug/l	92
65) Chlorobenzene	10.12	112	249475	19.549	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	104110	20.699	ug/l	97
67) Ethyl Benzene	10.24	91	425663	19.614	ug/l	98
68) m/p-Xylenes	10.34	106	325600	40.197	ug/l	96
69) o-Xylene	10.68	106	152826	19.463	ug/l	97
70) Styrene	10.70	104	263857	19.732	ug/l	97
71) Bromoform	10.84	173	87319	20.354	ug/l #	99
73) Isopropylbenzene	11.00	105	423221	18.499	ug/l	99
74) N-amyl acetate	10.88	43	175368	16.156	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	140216	17.374	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	134170m	17.389	ug/l	
77) Bromobenzene	11.24	156	114784	18.150	ug/l	97
78) n-propylbenzene	11.34	91	490253	18.872	ug/l	100
79) 2-Chlorotoluene	11.40	91	298566	18.603	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	366615	19.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	47788	16.728	ug/l	93
82) 4-Chlorotoluene	11.49	91	353217	18.513	ug/l	99
83) tert-Butylbenzene	11.76	119	354843	19.125	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	377493	19.639	ug/l	100
85) sec-Butylbenzene	11.93	105	400572	18.985	ug/l	98
86) p-Isopropyltoluene	12.05	119	393135	20.285	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	212214	19.113	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	215401	19.375	ug/l	97
89) n-Butylbenzene	12.37	91	334680	18.920	ug/l	99
90) Hexachloroethane	12.58	117	78232	20.517	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	197660	18.912	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33913	16.805	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	131353	18.847	ug/l	99
94) Hexachlorobutadiene	13.77	225	59256	21.556	ug/l	96
95) Naphthalene	13.82	128	394439	17.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	130045	18.884	ug/l	99

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

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