

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016875.D
 Acq On : 19 Jun 2020 13:31
 Operator : JC/SP
 Sample : VX0619WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 10:48:07 AM

Quant Time: Jun 22 02:30:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	290758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	430915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181132	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	5.46	113	135548	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.70	98	521796	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
62) 4-Bromofluorobenzene	11.12	95	208122	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	81037	22.711	ug/l	98
3) Chloromethane	1.31	50	75075	20.750	ug/l	100
4) Vinyl Chloride	1.39	62	81105	19.889	ug/l	96
5) Bromomethane	1.63	94	55609	22.648	ug/l	99
6) Chloroethane	1.72	64	49081	19.543	ug/l	99
7) Trichlorofluoromethane	1.92	101	115102	20.177	ug/l	98
8) Diethyl Ether	2.17	74	43456	19.593	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	67286	22.144	ug/l	96
10) Methyl Iodide	2.49	142	65153	22.523	ug/l	99
11) Tert butyl alcohol	3.00	59	72928	123.366	ug/l	99
12) 1,1-Dichloroethene	2.36	96	65926	21.218	ug/l	98
13) Acrolein	2.27	56	25890	72.235	ug/l	97
14) Allyl chloride	2.71	41	108125	26.308	ug/l	96
15) Acrylonitrile	3.11	53	174770	129.012	ug/l	99
16) Acetone	2.42	43	148087	116.656	ug/l	100
17) Carbon Disulfide	2.55	76	185634	23.118	ug/l	100
18) Methyl Acetate	2.75	43	87368	27.066	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	220549	24.907	ug/l	98
20) Methylene Chloride	2.83	84	73610	24.180	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	71047	24.223	ug/l	98
22) Diisopropyl ether	3.82	45	157954	20.059	ug/l	95
23) Vinyl Acetate	3.78	43	646581	99.578	ug/l	100
24) 1,1-Dichloroethane	3.67	63	98852	20.097	ug/l	99
25) 2-Butanone	4.63	43	173422	99.265	ug/l	99
26) 2,2-Dichloropropane	4.55	77	92592	20.092	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	63127	19.149	ug/l	98
28) Bromochloromethane	4.98	49	45558	22.316	ug/l	96
29) Tetrahydrofuran	5.09	42	114450	104.018	ug/l	98
30) Chloroform	5.18	83	103069	19.848	ug/l	95
31) Cyclohexane	5.55	56	85307	19.727	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	95342	19.399	ug/l	98
36) 1,1-Dichloropropene	5.77	75	76544	19.238	ug/l	99
37) Ethyl Acetate	4.79	43	68991	19.625	ug/l	99
38) Carbon Tetrachloride	5.75	117	85878	19.236	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	89585	19.364	ug/l	98
40) Benzene	6.11	78	229364	19.212	ug/l	99
41) Methacrylonitrile	4.99	41	38092	19.959	ug/l	99
42) 1,2-Dichloroethane	6.16	62	80481	18.944	ug/l	99
43) Isopropyl Acetate	6.41	43	118928	19.373	ug/l	99
44) Trichloroethene	7.19	130	79767	21.817	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56026	18.668	ug/l	100
46) Dibromomethane	7.63	93	39090	19.206	ug/l	99
47) Bromodichloromethane	7.87	83	81041	18.722	ug/l	100
48) Methyl methacrylate	7.74	41	54515	18.858	ug/l	99
49) 1,4-Dioxane	7.71	88	26665	412.065	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	333134	90.222	ug/l	99
52) Toluene	8.76	92	147296	18.598	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	93985	19.750	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	97767	19.204	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	57647	19.278	ug/l	97
56) Ethyl methacrylate	9.16	69	83110	19.199	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112192	22.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	214631	106.557	ug/l	99
59) 2-Hexanone	9.47	43	302832	113.255	ug/l	100
60) Dibromochloromethane	9.57	129	69781	19.453	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63526	19.576	ug/l	98
64) Tetrachloroethene	9.32	164	88289	23.684	ug/l	97
65) Chlorobenzene	10.12	112	160732	19.717	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	62258	19.706	ug/l	98
67) Ethyl Benzene	10.23	91	275153	20.005	ug/l	99
68) m/p-Xylenes	10.34	106	211977	39.606	ug/l	98
69) o-Xylene	10.68	106	105607	21.339	ug/l	100
70) Styrene	10.70	104	199886	23.771	ug/l	99
71) Bromoform	10.84	173	59546	22.418	ug/l #	99
73) Isopropylbenzene	11.00	105	330654	23.715	ug/l	100
74) N-amyl acetate	10.88	43	115008	23.622	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	71758	18.227	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76094m	19.240	ug/l	
77) Bromobenzene	11.24	156	75612	19.885	ug/l	97
78) n-propylbenzene	11.34	91	308797	19.845	ug/l	99
79) 2-Chlorotoluene	11.40	91	188217	19.770	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	237337	19.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	31596	19.564	ug/l	98
82) 4-Chlorotoluene	11.49	91	222477	19.479	ug/l	99
83) tert-Butylbenzene	11.76	119	214994	18.063	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	238999	19.287	ug/l	100
85) sec-Butylbenzene	11.93	105	262075	18.959	ug/l	100
86) p-Isopropyltoluene	12.05	119	257148	20.303	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	131029	18.861	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	134506	19.145	ug/l	98
89) n-Butylbenzene	12.37	91	213545	19.662	ug/l	100
90) Hexachloroethane	12.58	117	49815	21.834	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	128211	19.117	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17748	19.012	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	110384	24.511	ug/l	98
94) Hexachlorobutadiene	13.76	225	50097	24.652	ug/l	100
95) Naphthalene	13.82	128	315985	23.899	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	102887	22.909	ug/l	97

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

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