

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016902.D
 Acq On : 20 Jun 2020 02:51
 Operator : JC/SP
 Sample : VX0619WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:22:35 PM

Quant Time: Jun 22 06:43:02 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	278762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	157324	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.46	113	152668	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.70	98	513990	39.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.66%	
62) 4-Bromofluorobenzene	11.12	95	221232	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	67908	19.850	ug/l	98
3) Chloromethane	1.31	50	63435	18.287	ug/l	98
4) Vinyl Chloride	1.39	62	84469	21.606	ug/l	99
5) Bromomethane	1.63	94	50247	21.345	ug/l	97
6) Chloroethane	1.71	64	48300	20.059	ug/l	99
7) Trichlorofluoromethane	1.92	101	105433	19.277	ug/l	97
8) Diethyl Ether	2.17	74	42746	20.102	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50369	17.290	ug/l	99
10) Methyl Iodide	2.50	142	41839	15.086	ug/l	98
11) Tert butyl alcohol	3.01	59	58522	103.257	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55338	18.576	ug/l	99
13) Acrolein	2.27	56	39358	114.538	ug/l	96
14) Allyl chloride	2.71	41	78211	19.849	ug/l	97
15) Acrylonitrile	3.12	53	134493	103.553	ug/l	99
16) Acetone	2.42	43	113099	92.928	ug/l	98
17) Carbon Disulfide	2.55	76	137599	17.873	ug/l	100
18) Methyl Acetate	2.75	43	67209	21.717	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	172711	20.344	ug/l	98
20) Methylene Chloride	2.84	84	56423	19.332	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55623	19.781	ug/l	98
22) Diisopropyl ether	3.82	45	159762	21.162	ug/l	98
23) Vinyl Acetate	3.78	43	649365	104.310	ug/l	98
24) 1,1-Dichloroethane	3.67	63	96517	20.467	ug/l	99
25) 2-Butanone	4.63	43	220108	131.409	ug/l	98
26) 2,2-Dichloropropane	4.55	77	72442	16.396	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	68122	21.554	ug/l	98
28) Bromochloromethane	4.98	49	49427	25.253	ug/l	93
29) Tetrahydrofuran	5.09	42	124649	118.162	ug/l	97
30) Chloroform	5.18	83	119644	24.031	ug/l	100
31) Cyclohexane	5.55	56	96103	23.180	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	104286	22.131	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75446	16.207	ug/l	99
37) Ethyl Acetate	4.79	43	76549	18.611	ug/l	98
38) Carbon Tetrachloride	5.76	117	81251	15.556	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	84429	15.598	ug/l	97
40) Benzene	6.11	78	223146	15.975	ug/l	98
41) Methacrylonitrile	5.01	41	43934	19.675	ug/l	96
42) 1,2-Dichloroethane	6.17	62	77240	15.540	ug/l	99
43) Isopropyl Acetate	6.41	43	125866	17.524	ug/l	100
44) Trichloroethene	7.19	130	68281	15.962	ug/l	95
45) 1,2-Dichloropropane	7.49	63	58603	16.689	ug/l	99
46) Dibromomethane	7.64	93	43280	18.175	ug/l	99
47) Bromodichloromethane	7.87	83	82208	16.232	ug/l	97
48) Methyl methacrylate	7.74	41	57580	17.024	ug/l	99
49) 1,4-Dioxane	7.71	88	27780	366.921	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	354598	82.082	ug/l	100
52) Toluene	8.77	92	142555	15.384	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	85607	15.375	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	97429	16.357	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	57736	16.503	ug/l	99
56) Ethyl methacrylate	9.16	69	85817	16.944	ug/l	99
57) 1,3-Dichloropropane	9.35	76	121239	20.442	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	217547	92.312	ug/l	98
59) 2-Hexanone	9.47	43	324681	103.784	ug/l	99
60) Dibromochloromethane	9.57	129	78030	18.592	ug/l	100
61) 1,2-Dibromoethane	9.65	107	71681	18.880	ug/l	100
64) Tetrachloroethene	9.32	164	83542	21.956	ug/l	95
65) Chlorobenzene	10.12	112	169062	20.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	64206	19.911	ug/l	99
67) Ethyl Benzene	10.24	91	283343	20.183	ug/l	100
68) m/p-Xylenes	10.34	106	222236	40.681	ug/l	99
69) o-Xylene	10.68	106	118532	23.466	ug/l	98
70) Styrene	10.69	104	202962	23.648	ug/l	99
71) Bromoform	10.84	173	55647	20.525	ug/l #	98
73) Isopropylbenzene	11.00	105	292679	21.955	ug/l	99
74) N-amyl acetate	10.88	43	113726	24.431	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82928	22.030	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80895m	21.393	ug/l	
77) Bromobenzene	11.24	156	79895	21.975	ug/l	98
78) n-propylbenzene	11.34	91	311561	20.942	ug/l	100
79) 2-Chlorotoluene	11.40	91	187561	20.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224544	19.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	32531	21.067	ug/l	99
82) 4-Chlorotoluene	11.49	91	216997	19.871	ug/l	99
83) tert-Butylbenzene	11.76	119	211234	18.561	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229084	19.335	ug/l	98
85) sec-Butylbenzene	11.93	105	247584	18.732	ug/l	99
86) p-Isopropyltoluene	12.05	119	230457	19.031	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	129317	19.469	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	129525	19.282	ug/l	97
89) n-Butylbenzene	12.37	91	185199	17.834	ug/l	99
90) Hexachloroethane	12.58	117	41635	19.086	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	123296	19.228	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19514	21.864	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84334	19.586	ug/l	99
94) Hexachlorobutadiene	13.77	225	32366	16.658	ug/l	98
95) Naphthalene	13.82	128	269221	21.297	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83704	19.493	ug/l	97

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

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