

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019797.D
 Acq On : 09 Dec 2020 23:55
 Operator : JC/MD
 Sample : VX1209WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:01 AM

Quant Time: Dec 10 06:51:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	452525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170304	46.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.78%
35) Dibromofluoromethane	5.46	113	137742	47.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.20%
50) Toluene-d8	8.70	98	533877	47.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.64%
62) 4-Bromofluorobenzene	11.12	95	196143	46.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	47723	18.863	ug/l	98
3) Chloromethane	1.31	50	49200	16.536	ug/l	99
4) Vinyl Chloride	1.39	62	59090	18.835	ug/l	99
5) Bromomethane	1.62	94	31895	30.618	ug/l	98
6) Chloroethane	1.71	64	37869	20.094	ug/l	96
7) Trichlorofluoromethane	1.92	101	83459	19.102	ug/l	98
8) Diethyl Ether	2.17	74	34957	18.880	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49050	19.586	ug/l	100
10) Methyl Iodide	2.49	142	52403	14.196	ug/l	99
11) Tert butyl alcohol	3.01	59	80429	106.216	ug/l	97
12) 1,1-Dichloroethene	2.36	96	49129	19.405	ug/l	100
13) Acrolein	2.27	56	26714	66.637	ug/l	99
14) Allyl chloride	2.70	41	77467	18.116	ug/l	98
15) Acrylonitrile	3.11	53	162248	98.819	ug/l	100
16) Acetone	2.42	43	127376	93.307	ug/l	98
17) Carbon Disulfide	2.55	76	120912	16.644	ug/l	100
18) Methyl Acetate	2.75	43	68895	20.624	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	177951	19.300	ug/l	100
20) Methylene Chloride	2.83	84	60817	18.622	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	55100	18.667	ug/l	99
22) Diisopropyl ether	3.82	45	170144	19.680	ug/l	96
23) Vinyl Acetate	3.78	43	711411	96.585	ug/l	99
24) 1,1-Dichloroethane	3.67	63	100485	19.274	ug/l	99
25) 2-Butanone	4.63	43	205156	97.802	ug/l	98
26) 2,2-Dichloropropane	4.55	77	72224	16.087	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	65274	18.896	ug/l	98
28) Bromochloromethane	4.98	49	49454	19.898	ug/l	99
29) Tetrahydrofuran	5.09	42	131951	97.633	ug/l	99
30) Chloroform	5.17	83	104680	19.527	ug/l	98
31) Cyclohexane	5.55	56	86000	19.036	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	88169	19.099	ug/l	100
36) 1,1-Dichloropropene	5.76	75	75701	18.513	ug/l	99
37) Ethyl Acetate	4.79	43	77985	18.889	ug/l	99
38) Carbon Tetrachloride	5.75	117	73658	18.395	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85020	17.697	ug/l	98
40) Benzene	6.11	78	238330	19.080	ug/l	98
41) Methacrylonitrile	5.00	41	41912	18.489	ug/l	95
42) 1,2-Dichloroethane	6.16	62	82862	19.415	ug/l	100
43) Isopropyl Acetate	6.41	43	125578	18.708	ug/l	100
44) Trichloroethene	7.19	130	61428	18.743	ug/l	95
45) 1,2-Dichloropropane	7.49	63	59841	19.168	ug/l	97
46) Dibromomethane	7.63	93	40173	19.055	ug/l	98
47) Bromodichloromethane	7.87	83	78085	18.665	ug/l	99
48) Methyl methacrylate	7.74	41	61235	18.549	ug/l	100
49) 1,4-Dioxane	7.71	88	30651	383.274	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	401266	97.914	ug/l	100
52) Toluene	8.76	92	148298	18.982	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	81172	17.485	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	90769	17.997	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61602	19.567	ug/l	99
56) Ethyl methacrylate	9.16	69	89088	18.703	ug/l	100
57) 1,3-Dichloropropane	9.35	76	102733	19.110	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	247708	98.164	ug/l	100
59) 2-Hexanone	9.47	43	302313	95.168	ug/l	100
60) Dibromochloromethane	9.56	129	59703	18.665	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63555	19.011	ug/l	100
64) Tetrachloroethene	9.32	164	54013	19.289	ug/l	95
65) Chlorobenzene	10.12	112	155179	18.653	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	56914	19.008	ug/l	99
67) Ethyl Benzene	10.23	91	276633	18.734	ug/l	98
68) m/p-Xylenes	10.34	106	208053	37.391	ug/l	100
69) o-Xylene	10.68	106	98900	18.477	ug/l	99
70) Styrene	10.70	104	165922	18.365	ug/l	99
71) Bromoform	10.84	173	42518	18.050	ug/l #	100
73) Isopropylbenzene	11.00	105	268148	19.918	ug/l	99
74) N-amyl acetate	10.88	43	100598	18.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96232	20.275	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	86826m	19.646	ug/l	
77) Bromobenzene	11.24	156	67260	19.523	ug/l	100
78) n-propylbenzene	11.34	91	300947	19.572	ug/l	99
79) 2-Chlorotoluene	11.40	91	184207	19.454	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	227067	19.985	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25746	16.840	ug/l	93
82) 4-Chlorotoluene	11.49	91	215822	19.461	ug/l	98
83) tert-Butylbenzene	11.76	119	217519	19.520	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	225380	19.692	ug/l	100
85) sec-Butylbenzene	11.93	105	251275	19.750	ug/l	99
86) p-Isopropyltoluene	12.05	119	225484	19.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118930	18.808	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121502	18.866	ug/l	99
89) n-Butylbenzene	12.37	91	188995	18.295	ug/l	98
90) Hexachloroethane	12.58	117	37668	18.712	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	121127	19.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19886	19.489	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	73945	18.429	ug/l	97
94) Hexachlorobutadiene	13.76	225	33398	18.623	ug/l	98
95) Naphthalene	13.82	128	253430	19.482	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	75482	19.249	ug/l	99

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

