

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019597.D
 Acq On : 24 Nov 2020 12:02
 Operator : JC/MD
 Sample : VX1124WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 10:31:09 AM

Quant Time: Nov 25 04:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	267890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	434062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	417828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167578	48.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.50%
35) Dibromofluoromethane	5.46	113	134490	49.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.72%
50) Toluene-d8	8.69	98	516528	48.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.58%
62) 4-Bromofluorobenzene	11.12	95	203270	53.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.72%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46583	17.881	ug/l	97
3) Chloromethane	1.31	50	50163	16.780	ug/l	100
4) Vinyl Chloride	1.39	62	54888	17.056	ug/l	98
5) Bromomethane	1.62	94	22173	18.191	ug/l	99
6) Chloroethane	1.69	64	34942	44.069	ug/l	99
7) Trichlorofluoromethane	1.90	101	80387	17.307	ug/l	98
8) Diethyl Ether	2.17	74	33958	18.256	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46384	17.900	ug/l	99
10) Methyl Iodide	2.48	142	58808	17.275	ug/l	99
11) Tert butyl alcohol	3.03	59	72446	110.210	ug/l	98
12) 1,1-Dichloroethene	2.35	96	45651	17.165	ug/l	98
13) Acrolein	2.27	56	31112	70.411	ug/l	100
14) Allyl chloride	2.70	41	71555	17.174	ug/l	98
15) Acrylonitrile	3.11	53	148582	95.844	ug/l	100
16) Acetone	2.42	43	125714	93.591	ug/l	99
17) Carbon Disulfide	2.54	76	111649	15.626	ug/l	98
18) Methyl Acetate	2.75	43	60997	18.920	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	176253	19.199	ug/l	97
20) Methylene Chloride	2.83	84	57912	17.250	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	52013	17.261	ug/l	99
22) Diisopropyl ether	3.82	45	159864	18.548	ug/l	96
23) Vinyl Acetate	3.78	43	686397	94.943	ug/l	100
24) 1,1-Dichloroethane	3.67	63	94503	17.926	ug/l	100
25) 2-Butanone	4.63	43	195685	96.980	ug/l	99
26) 2,2-Dichloropropane	4.54	77	79813	17.345	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	63346	18.301	ug/l	98
28) Bromochloromethane	4.98	49	44527	17.666	ug/l	99
29) Tetrahydrofuran	5.09	42	121357	94.262	ug/l	99
30) Chloroform	5.17	83	100506	18.232	ug/l	97
31) Cyclohexane	5.54	56	79305	17.555	ug/l	94
32) 1,1,1-Trichloroethane	5.45	97	84304	17.803	ug/l	100
36) 1,1-Dichloropropene	5.76	75	70407	17.302	ug/l	99
37) Ethyl Acetate	4.79	43	74041	19.381	ug/l	99
38) Carbon Tetrachloride	5.74	117	69986	17.768	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	83349	17.591	ug/l	97
40) Benzene	6.10	78	225550	18.040	ug/l	100
41) Methacrylonitrile	5.00	41	40722	19.330	ug/l	99
42) 1,2-Dichloroethane	6.15	62	81561	19.032	ug/l	100
43) Isopropyl Acetate	6.41	43	121800	18.966	ug/l	99
44) Trichloroethene	7.18	130	58967	18.005	ug/l	98
45) 1,2-Dichloropropane	7.48	63	57073	18.542	ug/l	99
46) Dibromomethane	7.63	93	40022	18.998	ug/l	97
47) Bromodichloromethane	7.87	83	76142	18.626	ug/l	100
48) Methyl methacrylate	7.74	41	60901	20.249	ug/l	98
49) 1,4-Dioxane	7.71	88	29726	435.309	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	384092	102.567	ug/l	100
52) Toluene	8.76	92	145582	19.033	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	85111	19.278	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	92484	18.876	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	60708	19.489	ug/l	98
56) Ethyl methacrylate	9.16	69	90323	20.492	ug/l	99
57) 1,3-Dichloropropane	9.35	76	102558	19.665	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	245247	94.954	ug/l	98
59) 2-Hexanone	9.47	43	291325	102.574	ug/l	100
60) Dibromochloromethane	9.56	129	60162	19.718	ug/l	97
61) 1,2-Dibromoethane	9.65	107	63619	19.813	ug/l	99
64) Tetrachloroethene	9.32	164	52962	16.126	ug/l	94
65) Chlorobenzene	10.12	112	157374	18.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	57301	18.338	ug/l	97
67) Ethyl Benzene	10.23	91	278335	18.495	ug/l	97
68) m/p-Xylenes	10.34	106	211935	37.799	ug/l	98
69) o-Xylene	10.68	106	101189	18.879	ug/l	98
70) Styrene	10.70	104	169579	18.176	ug/l	98
71) Bromoform	10.84	173	41215	18.051	ug/l #	100
73) Isopropylbenzene	11.00	105	273461	19.859	ug/l	100
74) N-amyl acetate	10.88	43	104577	20.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	93584	19.004	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	87354m	20.109	ug/l	
77) Bromobenzene	11.24	156	68582	19.509	ug/l	99
78) n-propylbenzene	11.34	91	305245	19.323	ug/l	99
79) 2-Chlorotoluene	11.40	91	189744	19.805	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	229237	19.845	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27541	19.907	ug/l	95
82) 4-Chlorotoluene	11.49	91	218901	19.409	ug/l	100
83) tert-Butylbenzene	11.76	119	221158	19.789	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	229364	19.624	ug/l	100
85) sec-Butylbenzene	11.93	105	254467	19.140	ug/l	99
86) p-Isopropyltoluene	12.05	119	230410	19.088	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121956	18.891	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121024	18.199	ug/l	97
89) n-Butylbenzene	12.37	91	197766	18.122	ug/l	100
90) Hexachloroethane	12.58	117	36273	17.958	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	121288	18.705	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18396	18.311	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	75115	18.044	ug/l	99
94) Hexachlorobutadiene	13.76	225	32691	17.239	ug/l	98
95) Naphthalene	13.82	128	250269	18.481	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77008	18.494	ug/l	98

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

