

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
 Data File : VX019191.D
 Acq On : 29 Oct 2020 16:27
 Operator : JC/MD
 Sample : VX1031WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:41 PM

Quant Time: Oct 30 04:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	257163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	426284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	388428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	164786	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	5.46	113	130860	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.70	98	500224	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.12	95	190881	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	41411	19.316	ug/l	97
3) Chloromethane	1.31	50	47499	19.831	ug/l	100
4) Vinyl Chloride	1.39	62	55067	19.825	ug/l	99
5) Bromomethane	1.64	94	40250	21.218	ug/l	98
6) Chloroethane	1.71	64	35960	20.276	ug/l	98
7) Trichlorofluoromethane	1.92	101	87024	19.942	ug/l	99
8) Diethyl Ether	2.17	74	34302	20.482	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48522	20.061	ug/l	98
10) Methyl Iodide	2.49	142	54871	23.146	ug/l	100
11) Tert butyl alcohol	3.01	59	65460	99.932	ug/l	98
12) 1,1-Dichloroethene	2.35	96	47015	18.863	ug/l	98
13) Acrolein	2.27	56	25550	90.917	ug/l	100
14) Allyl chloride	2.71	41	73955	19.590	ug/l	98
15) Acrylonitrile	3.11	53	139321	101.215	ug/l	99
16) Acetone	2.42	43	116698	101.998	ug/l	99
17) Carbon Disulfide	2.55	76	128267	18.539	ug/l	100
18) Methyl Acetate	2.75	43	54899	19.733	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	171090	19.811	ug/l	100
20) Methylene Chloride	2.83	84	54926	19.122	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	54866	19.127	ug/l	98
22) Diisopropyl ether	3.82	45	155500	20.661	ug/l	92
23) Vinyl Acetate	3.78	43	685097	102.076	ug/l	99
24) 1,1-Dichloroethane	3.67	63	93825	19.966	ug/l	99
25) 2-Butanone	4.63	43	184575	102.364	ug/l	99
26) 2,2-Dichloropropane	4.55	77	87879	19.893	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	61511	19.189	ug/l	97
28) Bromochloromethane	4.98	49	40886	19.139	ug/l	95
29) Tetrahydrofuran	5.08	42	115895	101.992	ug/l	99
30) Chloroform	5.17	83	100623	20.117	ug/l	99
31) Cyclohexane	5.55	56	82941	19.785	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	89963	19.838	ug/l	99
36) 1,1-Dichloropropene	5.76	75	75810	19.259	ug/l	98
37) Ethyl Acetate	4.79	43	72637	19.874	ug/l	99
38) Carbon Tetrachloride	5.74	117	75789	18.889	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91642	19.470	ug/l	98
40) Benzene	6.11	78	220785	19.782	ug/l	97
41) Methacrylonitrile	4.99	41	39663	20.151	ug/l	98
42) 1,2-Dichloroethane	6.16	62	80251	19.510	ug/l	99
43) Isopropyl Acetate	6.40	43	118925	19.433	ug/l	99
44) Trichloroethene	7.18	130	59400	18.583	ug/l	93
45) 1,2-Dichloropropane	7.49	63	55065	20.143	ug/l	95
46) Dibromomethane	7.63	93	38823	19.205	ug/l	98
47) Bromodichloromethane	7.87	83	77252	19.388	ug/l	98
48) Methyl methacrylate	7.74	41	57429	19.497	ug/l	99
49) 1,4-Dioxane	7.73	88	26101	398.458	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	360316	102.440	ug/l	99
52) Toluene	8.76	92	142420	19.813	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84608	18.591	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	92133	19.252	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55655	19.595	ug/l	99
56) Ethyl methacrylate	9.16	69	84352	19.662	ug/l	97
57) 1,3-Dichloropropane	9.35	76	94244	19.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	223018	92.954	ug/l	96
59) 2-Hexanone	9.47	43	276787	103.378	ug/l	99
60) Dibromochloromethane	9.56	129	58957	19.127	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59318	19.531	ug/l	97
64) Tetrachloroethene	9.32	164	55414	18.725	ug/l	99
65) Chlorobenzene	10.12	112	146458	18.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	53476	18.710	ug/l	99
67) Ethyl Benzene	10.23	91	269126	19.024	ug/l	99
68) m/p-Xylenes	10.34	106	200567	37.775	ug/l	96
69) o-Xylene	10.68	106	97540	19.368	ug/l	100
70) Styrene	10.69	104	162064	18.861	ug/l	99
71) Bromoform	10.84	173	39587	17.469	ug/l #	98
73) Isopropylbenzene	11.00	105	263965	19.071	ug/l	99
74) N-amyl acetate	10.88	43	99156	19.593	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	83324	19.263	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	78658m	19.482	ug/l	
77) Bromobenzene	11.24	156	62905	18.312	ug/l	94
78) n-propylbenzene	11.34	91	302644	19.155	ug/l	99
79) 2-Chlorotoluene	11.40	91	180982	19.456	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	223183	19.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27117	17.684	ug/l	95
82) 4-Chlorotoluene	11.49	91	215056	18.932	ug/l	98
83) tert-Butylbenzene	11.76	119	214927	19.197	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	225548	19.107	ug/l	99
85) sec-Butylbenzene	11.93	105	262015	19.513	ug/l	99
86) p-Isopropyltoluene	12.05	119	240183	19.379	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117621	18.386	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	118494	17.794	ug/l	98
89) n-Butylbenzene	12.37	91	217869	18.701	ug/l	99
90) Hexachloroethane	12.58	117	39433	18.718	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	112643	18.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19077	18.015	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75974	16.466	ug/l	96
94) Hexachlorobutadiene	13.77	225	33345	16.417	ug/l	99
95) Naphthalene	13.82	128	248342	17.089	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	73610	16.445	ug/l	99

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

