

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
 Data File : VX018092.D
 Acq On : 27 Aug 2020 15:31
 Operator : JC/SP
 Sample : VX0827WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 2:59:36 PM

Quant Time: Aug 28 03:22:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	497670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	773290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	755852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	374089	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	358154	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	5.47	113	280456	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	8.70	98	999912	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	379390	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119437	19.712	ug/l	98
3) Chloromethane	1.32	50	118996	18.628	ug/l	100
4) Vinyl Chloride	1.39	62	112910	17.756	ug/l	99
5) Bromomethane	1.63	94	75994	24.776	ug/l	99
6) Chloroethane	1.71	64	67793	19.849	ug/l	97
7) Trichlorofluoromethane	1.92	101	188002	21.682	ug/l	99
8) Diethyl Ether	2.17	74	58745	19.977	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	95838	20.444	ug/l	99
10) Methyl Iodide	2.49	142	99860	23.092	ug/l	96
11) Tert butyl alcohol	3.02	59	137969	102.705	ug/l	99
12) 1,1-Dichloroethene	2.36	96	92715	19.064	ug/l	94
13) Acrolein	2.28	56	44960	80.717	ug/l	95
14) Allyl chloride	2.71	41	167563	19.177	ug/l	97
15) Acrylonitrile	3.12	53	303221	99.507	ug/l	99
16) Acetone	2.42	43	267984	99.543	ug/l	94
17) Carbon Disulfide	2.55	76	273305	18.589	ug/l	99
18) Methyl Acetate	2.75	43	139302	21.443	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	329481	19.754	ug/l	99
20) Methylene Chloride	2.84	84	120515	21.221	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	102263	18.979	ug/l	98
22) Diisopropyl ether	3.83	45	335782	19.470	ug/l	99
23) Vinyl Acetate	3.79	43	1509744	98.383	ug/l	99
24) 1,1-Dichloroethane	3.67	63	188393	19.190	ug/l	99
25) 2-Butanone	4.64	43	430923	97.396	ug/l	99
26) 2,2-Dichloropropane	4.56	77	163510	20.470	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	113421	18.269	ug/l	98
28) Bromochloromethane	4.99	49	98391	20.763	ug/l	96
29) Tetrahydrofuran	5.10	42	275580	97.845	ug/l	98
30) Chloroform	5.18	83	201515	19.824	ug/l	98
31) Cyclohexane	5.55	56	152912	18.491	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	188918	20.252	ug/l	100
36) 1,1-Dichloropropene	5.77	75	138317	19.393	ug/l	98
37) Ethyl Acetate	4.80	43	164324	19.837	ug/l	99
38) Carbon Tetrachloride	5.76	117	171356	21.318	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	148278	19.012	ug/l	99
40) Benzene	6.11	78	407761	19.456	ug/l	96
41) Methacrylonitrile	5.01	41	87725	19.287	ug/l	98
42) 1,2-Dichloroethane	6.17	62	171467	21.354	ug/l	98
43) Isopropyl Acetate	6.42	43	259859	19.422	ug/l	99
44) Trichloroethene	7.19	130	117052	19.766	ug/l	99
45) 1,2-Dichloropropane	7.49	63	107921	19.106	ug/l	98
46) Dibromomethane	7.64	93	80195	20.190	ug/l	99
47) Bromodichloromethane	7.88	83	168003	21.183	ug/l	98
48) Methyl methacrylate	7.75	41	128590	19.306	ug/l	99
49) 1,4-Dioxane	7.71	88	51676	428.306	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	838118	101.406	ug/l	99
52) Toluene	8.77	92	267190	20.106	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	178704	20.330	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	186766	20.057	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	114176	20.145	ug/l	96
56) Ethyl methacrylate	9.16	69	162765	19.318	ug/l	99
57) 1,3-Dichloropropane	9.35	76	188285	20.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	356632	94.091	ug/l	99
59) 2-Hexanone	9.48	43	658749	104.821	ug/l	100
60) Dibromochloromethane	9.57	129	141540	21.288	ug/l	97
61) 1,2-Dibromoethane	9.65	107	126397	20.541	ug/l	99
64) Tetrachloroethene	9.32	164	113264	20.392	ug/l	93
65) Chlorobenzene	10.12	112	299195	19.819	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	124615	20.944	ug/l	97
67) Ethyl Benzene	10.24	91	501919	19.551	ug/l	99
68) m/p-Xylenes	10.34	106	390530	40.756	ug/l	100
69) o-Xylene	10.68	106	180127	19.392	ug/l	96
70) Styrene	10.70	104	313552	19.822	ug/l	98
71) Bromoform	10.84	173	103045	20.304	ug/l #	98
73) Isopropylbenzene	11.01	105	504628	20.451	ug/l	99
74) N-amyl acetate	10.88	43	225950	19.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	165786	19.046	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	161265m	19.379	ug/l	
77) Bromobenzene	11.24	156	129962	19.054	ug/l	99
78) n-propylbenzene	11.34	91	566877	20.233	ug/l	99
79) 2-Chlorotoluene	11.40	91	338923	19.580	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	416047	20.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	61219	19.869	ug/l	95
82) 4-Chlorotoluene	11.49	91	407534	19.804	ug/l	99
83) tert-Butylbenzene	11.76	119	404236	20.201	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	424445	20.474	ug/l	100
85) sec-Butylbenzene	11.93	105	466557	20.502	ug/l	100
86) p-Isopropyltoluene	12.05	119	429911	20.567	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	226545	18.918	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	235047	19.603	ug/l	97
89) n-Butylbenzene	12.37	91	362953	19.024	ug/l	100
90) Hexachloroethane	12.58	117	86719	21.086	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	223227	19.803	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44375	20.388	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	144241	19.189	ug/l	98
94) Hexachlorobutadiene	13.77	225	63872	21.543	ug/l	93
95) Naphthalene	13.82	128	479321	19.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	143078	19.263	ug/l	96

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

