

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016298.D
 Acq On : 18 May 2020 14:56
 Operator : JC/SP
 Sample : VX0518WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 1:38:45 PM

Quant Time: May 19 01:30:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	338777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	527143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186537	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	
35) Dibromofluoromethane	5.46	113	152226	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
50) Toluene-d8	8.70	98	591453	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	11.12	95	222738	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	58961	16.443	ug/l	99
3) Chloromethane	1.31	50	64240	15.426	ug/l	100
4) Vinyl Chloride	1.39	62	70947	15.968	ug/l	99
5) Bromomethane	1.63	94	41126	18.361	ug/l	97
6) Chloroethane	1.71	64	45158	16.705	ug/l	99
7) Trichlorofluoromethane	1.92	101	98627	16.909	ug/l	99
8) Diethyl Ether	2.17	74	41497	16.885	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56590	16.816	ug/l	99
10) Methyl Iodide	2.49	142	43103	9.535	ug/l	99
11) Tert butyl alcohol	3.01	59	86927	77.111	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56919	16.163	ug/l	98
13) Acrolein	2.27	56	40505	57.419	ug/l	99
14) Allyl chloride	2.71	41	104408	16.170	ug/l	96
15) Acrylonitrile	3.11	53	191647	81.950	ug/l	99
16) Acetone	2.42	43	154151	77.498	ug/l	96
17) Carbon Disulfide	2.55	76	162447	15.217	ug/l	99
18) Methyl Acetate	2.75	43	85202	17.421	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	214422	17.662	ug/l	98
20) Methylene Chloride	2.83	84	66937	16.324	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	63401	16.156	ug/l	99
22) Diisopropyl ether	3.82	45	207421	17.027	ug/l	92
23) Vinyl Acetate	3.78	43	887769	82.836	ug/l	98
24) 1,1-Dichloroethane	3.67	63	117130	17.189	ug/l	99
25) 2-Butanone	4.63	43	256843	80.132	ug/l	97
26) 2,2-Dichloropropane	4.55	77	106491	17.112	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	74879	17.453	ug/l	96
28) Bromochloromethane	4.98	49	53078	17.082	ug/l	94
29) Tetrahydrofuran	5.09	42	170497	80.279	ug/l	97
30) Chloroform	5.17	83	116603	17.186	ug/l	100
31) Cyclohexane	5.54	56	96567	15.593	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	105854	17.164	ug/l	99
36) 1,1-Dichloropropene	5.77	75	88267	17.010	ug/l	99
37) Ethyl Acetate	4.79	43	99757	16.587	ug/l	98
38) Carbon Tetrachloride	5.75	117	93767	17.778	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88421	14.150	ug/l	97
40) Benzene	6.11	78	266781	17.571	ug/l	99
41) Methacrylonitrile	5.00	41	55122	16.971	ug/l	98
42) 1,2-Dichloroethane	6.16	62	92293	16.875	ug/l	99
43) Isopropyl Acetate	6.41	43	162544	16.939	ug/l	98
44) Trichloroethene	7.19	130	91622	16.986	ug/l	98
45) 1,2-Dichloropropane	7.49	63	69660	18.132	ug/l	99
46) Dibromomethane	7.64	93	45672	17.494	ug/l	97
47) Bromodichloromethane	7.87	83	94145	17.706	ug/l	100
48) Methyl methacrylate	7.74	41	74455	16.375	ug/l	96
49) 1,4-Dioxane	7.71	88	33534	307.507	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	500282	85.197	ug/l	98
52) Toluene	8.76	92	168237	17.777	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	109930	17.340	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	116874	17.650	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	66853	17.955	ug/l	98
56) Ethyl methacrylate	9.16	69	107916	17.756	ug/l	94
57) 1,3-Dichloropropane	9.35	76	115949	17.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	265898	82.179	ug/l	98
59) 2-Hexanone	9.47	43	379825	82.365	ug/l	98
60) Dibromochloromethane	9.57	129	74431	18.151	ug/l	99
61) 1,2-Dibromoethane	9.65	107	72466	17.968	ug/l	100
64) Tetrachloroethene	9.32	164	102990	17.501	ug/l	98
65) Chlorobenzene	10.12	112	181353	18.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	68025	18.336	ug/l	99
67) Ethyl Benzene	10.23	91	316812	17.690	ug/l	98
68) m/p-Xylenes	10.34	106	238451	35.536	ug/l	100
69) o-Xylene	10.68	106	116216	18.018	ug/l	98
70) Styrene	10.70	104	195420	17.859	ug/l	99
71) Bromoform	10.84	173	55691	18.425	ug/l #	99
73) Isopropylbenzene	11.00	105	300245	17.642	ug/l	99
74) N-amyl acetate	10.88	43	134118	16.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	67178	22.392	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	95381m	17.964	ug/l	
77) Bromobenzene	11.24	156	79568	18.113	ug/l	96
78) n-propylbenzene	11.34	91	331028	16.720	ug/l	99
79) 2-Chlorotoluene	11.40	91	205294	17.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	245895	17.113	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38770	17.401	ug/l	96
82) 4-Chlorotoluene	11.49	91	240635	17.437	ug/l	98
83) tert-Butylbenzene	11.76	119	203640	16.445	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	248660	17.117	ug/l	100
85) sec-Butylbenzene	11.93	105	255546	15.284	ug/l	100
86) p-Isopropyltoluene	12.05	119	241981	15.588	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	140230	17.779	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	142557	17.807	ug/l	99
89) n-Butylbenzene	12.37	91	197799	13.948	ug/l	99
90) Hexachloroethane	12.58	117	39975	14.994	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	136774	18.009	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22472	16.058	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	89812	15.973	ug/l	96
94) Hexachlorobutadiene	13.77	225	32295	13.722	ug/l	99
95) Naphthalene	13.82	128	310551	17.057	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	86872	15.808	ug/l	99

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

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