

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016845.D
 Acq On : 18 Jun 2020 17:29
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX061820

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:11 PM

Quant Time: Jun 19 12:26:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	294341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	435411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186016	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	5.46	113	133760	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.70	98	519646	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.12	95	239466	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	202333	56.014	ug/l	99
3) Chloromethane	1.31	50	190899	52.120	ug/l	98
4) Vinyl Chloride	1.39	62	228004	55.233	ug/l	99
5) Bromomethane	1.62	94	119327	48.007	ug/l	100
6) Chloroethane	1.71	64	127128	50.002	ug/l	99
7) Trichlorofluoromethane	1.91	101	292247	50.606	ug/l	99
8) Diethyl Ether	2.17	74	110756	49.328	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	167821	54.557	ug/l	99
10) Methyl Iodide	2.49	142	198283	67.711	ug/l	98
11) Tert butyl alcohol	3.01	59	151297	252.820	ug/l	99
12) 1,1-Dichloroethene	2.36	96	168405	53.540	ug/l	98
13) Acrolein	2.27	56	98905	272.594	ug/l	99
14) Allyl chloride	2.70	41	245744	59.064	ug/l	96
15) Acrylonitrile	3.11	53	347112	253.113	ug/l	100
16) Acetone	2.42	43	361611	281.394	ug/l	98
17) Carbon Disulfide	2.55	76	484413	59.592	ug/l	99
18) Methyl Acetate	2.75	43	170377	52.138	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	455560	50.821	ug/l	99
20) Methylene Chloride	2.83	84	144497	46.889	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	145168	48.892	ug/l	97
22) Diisopropyl ether	3.82	45	404239	50.711	ug/l	97
23) Vinyl Acetate	3.78	43	1698098	258.336	ug/l	100
24) 1,1-Dichloroethane	3.67	63	245642	49.332	ug/l	100
25) 2-Butanone	4.63	43	451175	255.104	ug/l	99
26) 2,2-Dichloropropane	4.54	77	237293	50.866	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	164778	49.376	ug/l	100
28) Bromochloromethane	4.98	49	99348	48.071	ug/l	99
29) Tetrahydrofuran	5.08	42	291006	261.261	ug/l	99
30) Chloroform	5.17	83	255724	48.645	ug/l	98
31) Cyclohexane	5.54	56	227341	51.932	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	242139	48.667	ug/l	99
36) 1,1-Dichloropropene	5.76	75	197884	49.222	ug/l	98
37) Ethyl Acetate	4.79	43	180568	50.834	ug/l	99
38) Carbon Tetrachloride	5.75	117	219226	48.599	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247823	53.015	ug/l	96
40) Benzene	6.11	78	689590	57.165	ug/l	99
41) Methacrylonitrile	5.00	41	99279	51.482	ug/l	99
42) 1,2-Dichloroethane	6.16	62	228737	53.286	ug/l	100
43) Isopropyl Acetate	6.41	43	303367	48.906	ug/l	100
44) Trichloroethene	7.18	130	178114	48.212	ug/l	95
45) 1,2-Dichloropropane	7.49	63	144554	47.668	ug/l	99
46) Dibromomethane	7.63	93	98425	47.859	ug/l	99
47) Bromodichloromethane	7.87	83	254212	58.120	ug/l	99
48) Methyl methacrylate	7.74	41	151173	51.754	ug/l	98
49) 1,4-Dioxane	7.71	88	70500	1078.214	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	902801	241.980	ug/l	100
52) Toluene	8.76	92	383491	47.921	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	241282	50.178	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	313945	61.030	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	150505	49.812	ug/l	99
56) Ethyl methacrylate	9.16	69	232198	53.085	ug/l	99
57) 1,3-Dichloropropane	9.35	76	249995	48.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	696426	342.180	ug/l	97
59) 2-Hexanone	9.47	43	695042	257.252	ug/l	99
60) Dibromochloromethane	9.57	129	179541	49.534	ug/l	99
61) 1,2-Dibromoethane	9.65	107	160635	48.990	ug/l	99
64) Tetrachloroethene	9.32	164	192380	50.480	ug/l	99
65) Chlorobenzene	10.12	112	420217	50.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	164086	50.802	ug/l	99
67) Ethyl Benzene	10.23	91	736927	52.408	ug/l	98
68) m/p-Xylenes	10.34	106	571268	104.404	ug/l	100
69) o-Xylene	10.68	106	270698	53.504	ug/l	99
70) Styrene	10.70	104	479473	55.775	ug/l	99
71) Bromoform	10.84	173	143099	52.696	ug/l #	100
73) Isopropylbenzene	11.00	105	862041	57.405	ug/l	100
74) N-amyl acetate	10.88	43	309473	59.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	216276	51.005	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	265141m	62.245	ug/l	
77) Bromobenzene	11.24	156	210435	51.383	ug/l	99
78) n-propylbenzene	11.34	91	1063141	63.437	ug/l	100
79) 2-Chlorotoluene	11.40	91	635358	61.963	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	806736	62.265	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	94371	54.254	ug/l	96
82) 4-Chlorotoluene	11.49	91	743714	60.457	ug/l	100
83) tert-Butylbenzene	11.76	119	713426	55.652	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	782406	58.622	ug/l	99
85) sec-Butylbenzene	11.93	105	877582	58.944	ug/l	99
86) p-Isopropyltoluene	12.05	119	794556	58.247	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	386205	51.616	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	382079	50.493	ug/l	99
89) n-Butylbenzene	12.37	91	589026	50.354	ug/l	99
90) Hexachloroethane	12.58	117	121432	49.417	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	334131	46.258	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47808	47.551	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	241299	49.748	ug/l	100
94) Hexachlorobutadiene	13.77	225	114334	52.238	ug/l	97
95) Naphthalene	13.82	128	739037	51.899	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	236042	48.798	ug/l	98

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

