

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008572.D
 Acq On : 01 Apr 2019 16:33
 Operator : JC/SP
 Sample : VX0401WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 10:06:08 AM

Quant Time: Apr 02 02:03:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129968	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.50	113	97000	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.71	98	384106	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.13	95	142540	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33208	15.507	ug/l	98
3) Chloromethane	1.32	50	46105	16.631	ug/l	98
4) Vinyl Chloride	1.40	62	46774	15.644	ug/l	98
5) Bromomethane	1.64	94	12708	9.613	ug/l	99
6) Chloroethane	1.71	64	33778	19.070	ug/l	100
7) Trichlorofluoromethane	1.93	101	55050	16.257	ug/l	99
8) Diethyl Ether	2.18	74	27653	17.255	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35824	17.505	ug/l	99
10) Methyl Iodide	2.51	142	10623	9.023	ug/l	98
11) Tert butyl alcohol	3.04	59	59952	98.248	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36388	17.217	ug/l	97
13) Acrolein	2.29	56	25292	57.076	ug/l	96
14) Allyl chloride	2.73	41	82003	17.611	ug/l	99
15) Acrylonitrile	3.14	53	149141	93.208	ug/l	99
16) Acetone	2.44	43	130531	90.679	ug/l	99
17) Carbon Disulfide	2.57	76	100915	16.384	ug/l	98
18) Methyl Acetate	2.77	43	66990	19.377	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	141481	18.576	ug/l	100
20) Methylene Chloride	2.85	84	45297	18.882	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38469	18.093	ug/l	94
22) Diisopropyl ether	3.85	45	170499	18.596	ug/l	97
23) Vinyl Acetate	3.81	43	748265	93.544	ug/l	100
24) 1,1-Dichloroethane	3.70	63	83290	17.994	ug/l	100
25) 2-Butanone	4.67	43	221190	95.846	ug/l	99
26) 2,2-Dichloropropane	4.58	77	54064	17.561	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	46321	17.923	ug/l	99
28) Bromochloromethane	5.02	49	43478	19.012	ug/l	99
29) Tetrahydrofuran	5.13	42	146605	96.388	ug/l	99
30) Chloroform	5.21	83	76131	18.225	ug/l	100
31) Cyclohexane	5.58	56	75692	17.146	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61046	18.282	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56612	17.221	ug/l	99
37) Ethyl Acetate	4.84	43	82393	19.347	ug/l	99
38) Carbon Tetrachloride	5.79	117	49602	18.081	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67867	17.275	ug/l	98
40) Benzene	6.14	78	181369	18.429	ug/l	99
41) Methacrylonitrile	5.04	41	46100	19.262	ug/l	99
42) 1,2-Dichloroethane	6.19	62	64996	18.038	ug/l	100
43) Isopropyl Acetate	6.45	43	129101	18.953	ug/l	100
44) Trichloroethene	7.21	130	40797	17.655	ug/l	98
45) 1,2-Dichloropropane	7.51	63	51495	18.409	ug/l	99
46) Dibromomethane	7.66	93	29389	17.991	ug/l	98
47) Bromodichloromethane	7.90	83	57975	18.542	ug/l	99
48) Methyl methacrylate	7.77	41	64885	19.037	ug/l	98
49) 1,4-Dioxane	7.74	88	25455	375.612	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	437672	98.924	ug/l	100
52) Toluene	8.78	92	107186	18.215	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62078	18.127	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70158	18.016	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44662	18.645	ug/l	98
56) Ethyl methacrylate	9.18	69	80718	18.668	ug/l	98
57) 1,3-Dichloropropane	9.37	76	79305	18.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	222039	99.343	ug/l	100
59) 2-Hexanone	9.49	43	338854	98.843	ug/l	99
60) Dibromochloromethane	9.58	129	42018	18.445	ug/l	97
61) 1,2-Dibromoethane	9.67	107	45042	18.426	ug/l	100
64) Tetrachloroethene	9.34	164	34656	18.429	ug/l	98
65) Chlorobenzene	10.14	112	109071	18.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38457	18.453	ug/l	99
67) Ethyl Benzene	10.25	91	207416	18.194	ug/l	100
68) m/p-Xylenes	10.36	106	146898	35.419	ug/l	99
69) o-Xylene	10.69	106	74076	18.405	ug/l	98
70) Styrene	10.71	104	125672	18.077	ug/l	100
71) Bromoform	10.85	173	29542	17.949	ug/l #	99
73) Isopropylbenzene	11.02	105	194040	18.616	ug/l	100
74) N-amyl acetate	10.90	43	116459	19.303	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	76896	19.014	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	64866m	17.030	ug/l	
77) Bromobenzene	11.26	156	46198	18.262	ug/l	99
78) n-propylbenzene	11.36	91	222117	18.191	ug/l	100
79) 2-Chlorotoluene	11.42	91	136680	18.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	162887	18.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20412	17.164	ug/l	93
82) 4-Chlorotoluene	11.51	91	153229	17.887	ug/l	99
83) tert-Butylbenzene	11.77	119	155800	18.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	162643	18.248	ug/l	100
85) sec-Butylbenzene	11.94	105	185778	18.349	ug/l	100
86) p-Isopropyltoluene	12.06	119	165110	18.482	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80416	17.792	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80336	17.611	ug/l	98
89) n-Butylbenzene	12.38	91	149822	17.703	ug/l	100
90) Hexachloroethane	12.60	117	26395	17.735	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	84305	18.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16582	18.804	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55847	18.326	ug/l	99
94) Hexachlorobutadiene	13.78	225	27130	18.749	ug/l	100
95) Naphthalene	13.83	128	206342	19.750	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	58518	19.110	ug/l	100

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

