

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009158.D
 Acq On : 25 Apr 2019 13:35
 Operator : JC/SP
 Sample : VX0425WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBS01

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 10:05:14 AM

Quant Time: Apr 26 05:32:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133184	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	127194	46.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.12%	
35) Dibromofluoromethane	5.49	113	94190	46.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	373532	46.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.32%	
62) 4-Bromofluorobenzene	11.13	95	134042	47.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42099	18.856	ug/l	99
3) Chloromethane	1.32	50	52974	19.326	ug/l	99
4) Vinyl Chloride	1.40	62	50082	18.772	ug/l	98
5) Bromomethane	1.64	94	28253	19.458	ug/l	99
6) Chloroethane	1.71	64	30641	19.531	ug/l	99
7) Trichlorofluoromethane	1.93	101	57654	18.509	ug/l	100
8) Diethyl Ether	2.18	74	26102	18.323	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35470	17.810	ug/l	99
10) Methyl Iodide	2.51	142	34602	18.902	ug/l	99
11) Tert butyl alcohol	3.05	59	62498	103.066	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36849	17.727	ug/l	95
13) Acrolein	2.29	56	48764	93.071	ug/l	99
14) Allyl chloride	2.73	41	85765	18.911	ug/l	99
15) Acrylonitrile	3.14	53	150070	97.492	ug/l	99
16) Acetone	2.44	43	139151	98.225	ug/l	99
17) Carbon Disulfide	2.57	76	102214	17.566	ug/l	99
18) Methyl Acetate	2.78	43	68953	19.502	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	137880	18.615	ug/l	97
20) Methylene Chloride	2.85	84	44648	18.429	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	39150	17.657	ug/l	96
22) Diisopropyl ether	3.85	45	168350	19.103	ug/l	98
23) Vinyl Acetate	3.81	43	749742	96.782	ug/l	98
24) 1,1-Dichloroethane	3.70	63	82383	18.623	ug/l	99
25) 2-Butanone	4.67	43	226936	100.218	ug/l	99
26) 2,2-Dichloropropane	4.58	77	57660	17.388	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45695	18.152	ug/l	99
28) Bromochloromethane	5.02	49	36272	18.526	ug/l	98
29) Tetrahydrofuran	5.13	42	149162	98.416	ug/l	99
30) Chloroform	5.21	83	74129	18.726	ug/l	99
31) Cyclohexane	5.58	56	79968	18.379	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	60112	18.321	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56316	17.408	ug/l	99
37) Ethyl Acetate	4.83	43	84221	20.232	ug/l	100
38) Carbon Tetrachloride	5.78	117	49927	18.204	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70489	17.896	ug/l	99
40) Benzene	6.14	78	176347	18.478	ug/l	99
41) Methacrylonitrile	5.04	41	47174	19.745	ug/l	100
42) 1,2-Dichloroethane	6.20	62	63140	18.676	ug/l	100
43) Isopropyl Acetate	6.45	43	128843	19.206	ug/l	100
44) Trichloroethene	7.21	130	41116	17.583	ug/l	97
45) 1,2-Dichloropropane	7.51	63	48987	18.502	ug/l	97
46) Dibromomethane	7.66	93	28680	18.613	ug/l	98
47) Bromodichloromethane	7.90	83	55686	18.425	ug/l	98
48) Methyl methacrylate	7.77	41	63868	19.268	ug/l	99
49) 1,4-Dioxane	7.74	88	25913	417.676	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	434636	101.698	ug/l	99
52) Toluene	8.78	92	106650	18.646	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62472	17.961	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70866	18.196	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43096	19.011	ug/l	98
56) Ethyl methacrylate	9.18	69	78513	19.316	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76608	18.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	199882	91.317	ug/l	99
59) 2-Hexanone	9.49	43	337026	102.284	ug/l	100
60) Dibromochloromethane	9.58	129	41043	18.891	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43591	18.631	ug/l	100
64) Tetrachloroethene	9.34	164	37430	17.540	ug/l	99
65) Chlorobenzene	10.13	112	107744	18.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37743	18.070	ug/l	98
67) Ethyl Benzene	10.25	91	199861	18.440	ug/l	100
68) m/p-Xylenes	10.36	106	145673	36.982	ug/l	99
69) o-Xylene	10.69	106	71510	18.658	ug/l	98
70) Styrene	10.71	104	123357	18.573	ug/l	99
71) Bromoform	10.85	173	29967	18.008	ug/l #	98
73) Isopropylbenzene	11.02	105	191575	18.977	ug/l	99
74) N-amyl acetate	10.90	43	113446	19.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72635	19.692	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	62184m	19.121	ug/l	
77) Bromobenzene	11.26	156	45586	17.897	ug/l	97
78) n-propylbenzene	11.36	91	218527	18.860	ug/l	100
79) 2-Chlorotoluene	11.42	91	132754	19.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	161021	19.007	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22115	17.458	ug/l	92
82) 4-Chlorotoluene	11.51	91	148538	18.317	ug/l	100
83) tert-Butylbenzene	11.77	119	152509	18.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	161486	18.727	ug/l	100
85) sec-Butylbenzene	11.94	105	182762	18.841	ug/l	99
86) p-Isopropyltoluene	12.06	119	165175	18.521	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80221	17.995	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80884	17.898	ug/l	99
89) n-Butylbenzene	12.38	91	146739	17.667	ug/l	99
90) Hexachloroethane	12.60	117	26632	18.103	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	82578	18.759	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17078	20.335	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56580	17.805	ug/l	100
94) Hexachlorobutadiene	13.78	225	28536	18.005	ug/l	99
95) Naphthalene	13.83	128	199025	19.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58333	18.605	ug/l	100

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

