

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002324.D
 Acq On : 06 Jun 2018 00:24
 Operator : JC/MD
 Sample : VX0605WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:46 PM

Quant Time: Jun 06 06:50:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157921	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	5.51	113	115990	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
50) Toluene-d8	8.72	98	430520	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
62) 4-Bromofluorobenzene	11.14	95	161726	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30709	14.398	ug/l	100
3) Chloromethane	1.32	50	55377	20.994	ug/l	100
4) Vinyl Chloride	1.41	62	51493	19.156	ug/l	98
5) Bromomethane	1.64	94	38537	23.568	ug/l	98
6) Chloroethane	1.72	64	37298	21.450	ug/l	99
7) Trichlorofluoromethane	1.93	101	72252	17.641	ug/l	98
8) Diethyl Ether	2.19	74	38601	25.340	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35297	15.970	ug/l	99
10) Methyl Iodide	2.51	142	66573	21.415	ug/l	100
11) Tert butyl alcohol	3.07	59	83144	128.663	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42371	19.398	ug/l	99
13) Acrolein	2.30	56	35063	115.092	ug/l	99
14) Allyl chloride	2.73	41	94553	19.947	ug/l	100
15) Acrylonitrile	3.15	53	164112	126.644	ug/l	99
16) Acetone	2.45	43	155497	112.699	ug/l	100
17) Carbon Disulfide	2.57	76	93518	16.244	ug/l	97
18) Methyl Acetate	2.78	43	79284	25.659	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	197366	24.740	ug/l	99
20) Methylene Chloride	2.86	84	59212	24.091	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49594	20.589	ug/l	99
22) Diisopropyl ether	3.87	45	177372	21.552	ug/l	92
23) Vinyl Acetate	3.83	43	765320	99.595	ug/l	100
24) 1,1-Dichloroethane	3.70	63	101753	21.719	ug/l	98
25) 2-Butanone	4.71	43	209352	104.064	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49668	13.562	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	53169	20.297	ug/l	97
28) Bromochloromethane	5.03	49	48376	22.307	ug/l	99
29) Tetrahydrofuran	5.17	42	137215	105.789	ug/l	99
30) Chloroform	5.22	83	94902	20.992	ug/l	96
31) Cyclohexane	5.58	56	54798	14.792	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	70824	18.473	ug/l	99
36) 1,1-Dichloropropene	5.81	75	57071	16.154	ug/l	98
37) Ethyl Acetate	4.87	43	84133	19.802	ug/l	99
38) Carbon Tetrachloride	5.79	117	56220	15.211	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	50485	11.768	ug/l	96
40) Benzene	6.15	78	202877	18.728	ug/l	98
41) Methacrylonitrile	5.07	41	46736	19.215	ug/l	98
42) 1,2-Dichloroethane	6.20	62	86242	20.038	ug/l	100
43) Isopropyl Acetate	6.47	43	134841	18.685	ug/l	99
44) Trichloroethene	7.22	130	54699	18.194	ug/l	94
45) 1,2-Dichloropropane	7.52	63	53374	18.251	ug/l	99
46) Dibromomethane	7.66	93	38384	19.362	ug/l	98
47) Bromodichloromethane	7.90	83	62967	17.561	ug/l	96
48) Methyl methacrylate	7.78	41	67724	18.683	ug/l	98
49) 1,4-Dioxane	7.76	88	28393	418.910	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	444151	98.830	ug/l	99
52) Toluene	8.79	92	129530	18.800	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	73862	17.178	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	66049	16.282	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56460	19.925	ug/l	99
56) Ethyl methacrylate	9.18	69	83879	18.541	ug/l	99
57) 1,3-Dichloropropane	9.38	76	93938	19.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	196983	94.074	ug/l	100
59) 2-Hexanone	9.50	43	336307	96.883	ug/l	99
60) Dibromochloromethane	9.59	129	49685	17.432	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57399	19.427	ug/l	100
64) Tetrachloroethene	9.34	164	58034	16.794	ug/l	98
65) Chlorobenzene	10.14	112	150558	18.058	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52107	17.260	ug/l	99
67) Ethyl Benzene	10.26	91	244855	17.549	ug/l	99
68) m/p-Xylenes	10.37	106	189771	34.988	ug/l	100
69) o-Xylene	10.70	106	95471	17.688	ug/l	100
70) Styrene	10.72	104	158386	17.950	ug/l	100
71) Bromoform	10.86	173	37020	16.203	ug/l #	96
73) Isopropylbenzene	11.02	105	244314	17.588	ug/l	100
74) N-amyl acetate	6.47	43	134841	18.016	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81410	18.634	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	79214m	18.079	ug/l	
77) Bromobenzene	11.26	156	71896	18.437	ug/l	99
78) n-propylbenzene	11.37	91	269455	17.453	ug/l	100
79) 2-Chlorotoluene	11.43	91	172718	17.717	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	209230	17.561	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16706	13.365	ug/l #	84
82) 4-Chlorotoluene	11.51	91	200349	17.805	ug/l	100
83) tert-Butylbenzene	11.77	119	195135	16.819	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	220393	17.970	ug/l	99
85) sec-Butylbenzene	11.95	105	229651	16.884	ug/l	100
86) p-Isopropyltoluene	12.07	119	208323	16.815	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	124125	17.802	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125895	17.517	ug/l	99
89) n-Butylbenzene	12.39	91	166901	16.063	ug/l	99
90) Hexachloroethane	12.60	117	29003	14.665	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132052	18.304	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16439	17.207	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86329	17.066	ug/l	99
94) Hexachlorobutadiene	13.79	225	38111	15.246	ug/l	100
95) Naphthalene	13.84	128	271966	18.712	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94060	18.232	ug/l	99

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

