

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008634.D
 Acq On : 04 Apr 2019 14:34
 Operator : JC/SP
 Sample : VX0404WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 11:11:51 AM

Quant Time: Apr 05 07:47:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	138435	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.50	113	100752	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	406321	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	144568	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41347	19.494	ug/l	99
3) Chloromethane	1.32	50	59388	21.898	ug/l	99
4) Vinyl Chloride	1.40	62	56725	19.784	ug/l	100
5) Bromomethane	1.64	94	26586	19.999	ug/l	100
6) Chloroethane	1.72	64	40100	24.037	ug/l	100
7) Trichlorofluoromethane	1.93	101	63276	19.964	ug/l	100
8) Diethyl Ether	2.18	74	30256	20.130	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40673	19.932	ug/l	99
10) Methyl Iodide	2.51	142	33839	20.753	ug/l	99
11) Tert butyl alcohol	3.04	59	66529	105.738	ug/l	99
12) 1,1-Dichloroethene	2.37	96	42489	19.946	ug/l	98
13) Acrolein	2.29	56	25277	81.020	ug/l	100
14) Allyl chloride	2.73	41	96374	19.763	ug/l	99
15) Acrylonitrile	3.14	53	170089	102.044	ug/l	100
16) Acetone	2.44	43	150204	97.035	ug/l	99
17) Carbon Disulfide	2.57	76	124249	19.751	ug/l	99
18) Methyl Acetate	2.77	43	73697	19.630	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	156954	20.632	ug/l	99
20) Methylene Chloride	2.85	84	50664	19.553	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	44645	19.376	ug/l	93
22) Diisopropyl ether	3.85	45	194408	20.684	ug/l	92
23) Vinyl Acetate	3.81	43	853204	104.346	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95905	20.609	ug/l	99
25) 2-Butanone	4.67	43	250854	102.533	ug/l	99
26) 2,2-Dichloropropane	4.59	77	61250	18.687	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	51852	19.573	ug/l	99
28) Bromochloromethane	5.01	49	44248	21.007	ug/l	98
29) Tetrahydrofuran	5.13	42	166020	102.239	ug/l	100
30) Chloroform	5.21	83	85032	20.458	ug/l	97
31) Cyclohexane	5.58	56	91344	19.671	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	67999	20.245	ug/l	100
36) 1,1-Dichloropropene	5.80	75	66169	19.524	ug/l	100
37) Ethyl Acetate	4.83	43	93163	20.595	ug/l	99
38) Carbon Tetrachloride	5.79	117	55630	19.832	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80024	19.114	ug/l	97
40) Benzene	6.14	78	204444	20.249	ug/l	98
41) Methacrylonitrile	5.04	41	53183	20.453	ug/l	99
42) 1,2-Dichloroethane	6.19	62	72963	20.158	ug/l	100
43) Isopropyl Acetate	6.45	43	144152	20.342	ug/l	100
44) Trichloroethene	7.21	130	45903	19.521	ug/l	96
45) 1,2-Dichloropropane	7.51	63	57351	19.901	ug/l	99
46) Dibromomethane	7.66	93	33316	19.933	ug/l	98
47) Bromodichloromethane	7.90	83	63663	20.202	ug/l	99
48) Methyl methacrylate	7.77	41	72718	20.286	ug/l	100
49) 1,4-Dioxane	7.74	88	29167	434.353	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	486027	106.544	ug/l	100
52) Toluene	8.79	92	120231	20.199	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69760	19.762	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79901	19.809	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49816	20.849	ug/l	99
56) Ethyl methacrylate	9.18	69	90578	20.952	ug/l	99
57) 1,3-Dichloropropane	9.37	76	88755	20.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	225860	102.318	ug/l	100
59) 2-Hexanone	9.49	43	375173	105.827	ug/l	100
60) Dibromochloromethane	9.58	129	45262	20.103	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50329	20.234	ug/l	100
64) Tetrachloroethene	9.34	164	40023	19.537	ug/l	99
65) Chlorobenzene	10.13	112	121869	19.884	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42638	19.830	ug/l	99
67) Ethyl Benzene	10.25	91	228572	20.000	ug/l	98
68) m/p-Xylenes	10.36	106	164149	39.946	ug/l	100
69) o-Xylene	10.69	106	81175	20.384	ug/l	99
70) Styrene	10.71	104	139995	20.394	ug/l	100
71) Bromoform	10.85	173	32704	19.915	ug/l #	98
73) Isopropylbenzene	11.02	105	213469	20.504	ug/l	100
74) N-amyl acetate	10.90	43	125476	20.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82528	20.843	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	70987m	20.570	ug/l	
77) Bromobenzene	11.26	156	50786	20.292	ug/l	100
78) n-propylbenzene	11.36	91	243828	20.114	ug/l	100
79) 2-Chlorotoluene	11.42	91	148905	20.298	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	180177	20.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23613	18.861	ug/l	90
82) 4-Chlorotoluene	11.51	91	168440	19.837	ug/l	99
83) tert-Butylbenzene	11.77	119	169199	20.124	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	181124	20.469	ug/l	99
85) sec-Butylbenzene	11.94	105	202522	20.279	ug/l	100
86) p-Isopropyltoluene	12.06	119	183356	20.456	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	89523	19.980	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	88344	19.472	ug/l	99
89) n-Butylbenzene	12.38	91	166024	19.750	ug/l	99
90) Hexachloroethane	12.59	117	29384	19.765	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	89881	20.204	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17729	20.355	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	60865	19.678	ug/l	99
94) Hexachlorobutadiene	13.78	225	29851	20.123	ug/l	98
95) Naphthalene	13.83	128	210313	20.344	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61936	20.041	ug/l	99

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

