

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005230.D
 Acq On : 08 Sep 2018 01:28
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:17 AM

Quant Time: Sep 08 03:46:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	464959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	680662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	661910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	248967	64.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.16%	
35) Dibromofluoromethane	7.89	113	252668	64.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.28%	
50) Toluene-d8	10.33	98	1279576	70.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.08%	
62) 4-Bromofluorobenzene	12.62	95	461586	71.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	255025	68.27	ug/l	98
3) Chloromethane	2.22	50	361178	67.43	ug/l	99
4) Vinyl Chloride	2.36	62	334597	64.61	ug/l	99
5) Bromomethane	2.75	94	211713	59.41	ug/l	100
6) Chloroethane	2.91	64	191455	60.13	ug/l	100
7) Trichlorofluoromethane	3.26	101	356755	61.31	ug/l	97
8) Diethyl Ether	3.69	74	138776	65.46	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	248650	61.99	ug/l	99
10) Methyl Iodide	4.28	142	354104	69.46	ug/l	100
11) Tert butyl alcohol	5.17	59	109720	391.20	ug/l	98
12) 1,1-Dichloroethene	4.04	96	239778	64.94	ug/l	99
13) Acrolein	3.90	56	108563	426.06	ug/l	98
14) Allyl chloride	4.68	41	380296	65.98	ug/l	99
15) Acrylonitrile	5.37	53	364787	401.03	ug/l	99
16) Acetone	4.13	43	240167	318.66	ug/l	96
17) Carbon Disulfide	4.39	76	905774	70.11	ug/l	99
18) Methyl Acetate	4.68	43	152188	67.75	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	644044	71.23	ug/l	99
20) Methylene Chloride	4.92	84	341039	54.10	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	285083	63.42	ug/l	97
22) Diisopropyl ether	6.32	45	844028	69.46	ug/l	98
23) Vinyl Acetate	6.26	43	2400729	373.96	ug/l	100
24) 1,1-Dichloroethane	6.23	63	475005	62.76	ug/l	99
25) 2-Butanone	7.18	43	402614	310.85	ug/l	98
26) 2,2-Dichloropropane	7.18	77	355573	57.56	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	313860	63.95	ug/l	99
28) Bromochloromethane	7.52	49	182903	60.15	ug/l	100
29) Tetrahydrofuran	7.54	42	283352	412.83	ug/l	99
30) Chloroform	7.68	83	472375	61.16	ug/l	98
31) Cyclohexane	7.96	56	500661	66.93	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	421361	62.58	ug/l	100
36) 1,1-Dichloropropene	8.09	75	422096	66.37	ug/l	100
37) Ethyl Acetate	7.26	43	179670	74.36	ug/l	98
38) Carbon Tetrachloride	8.07	117	376150	62.42	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	564392	73.02	ug/l	100
40) Benzene	8.33	78	1306800	67.04	ug/l	100
41) Methacrylonitrile	7.49	41	100368	72.50	ug/l	94
42) 1,2-Dichloroethane	8.41	62	301185	63.22	ug/l	100
43) Isopropyl Acetate	8.43	43	351238	79.62	ug/l	97
44) Trichloroethene	9.10	130	339441	64.67	ug/l	99
45) 1,2-Dichloropropane	9.38	63	306653	64.59	ug/l	97
46) Dibromomethane	9.46	93	149406	65.79	ug/l	99
47) Bromodichloromethane	9.65	83	355633	62.31	ug/l	99
48) Methyl methacrylate	9.44	41	178249	82.62	ug/l	93
49) 1,4-Dioxane	9.45	88	67354	1805.24	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	995897	348.74	ug/l	98
52) Toluene	10.40	92	915223	69.28	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	398976	70.58	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	459232	67.20	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	239727	67.83	ug/l	99
56) Ethyl methacrylate	10.65	69	346198	84.30	ug/l	100
57) 1,3-Dichloropropane	10.94	76	401020	68.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	741292	387.36	ug/l	99
59) 2-Hexanone	10.98	43	731130	376.84	ug/l	100
60) Dibromochloromethane	11.13	129	272441	68.17	ug/l	100
61) 1,2-Dibromoethane	11.24	107	227215	70.77	ug/l	100
64) Tetrachloroethene	10.87	164	359466	69.53	ug/l	99
65) Chlorobenzene	11.66	112	1007825	68.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	303087	67.54	ug/l	99
67) Ethyl Benzene	11.74	91	1771052	71.47	ug/l	100
68) m/p-Xylenes	11.85	106	1399874	141.25	ug/l	99
69) o-Xylene	12.17	106	664805	72.27	ug/l	99
70) Styrene	12.19	104	1107856	73.13	ug/l	100
71) Bromoform	12.35	173	179064	74.60	ug/l #	98
73) Isopropylbenzene	12.47	105	1786366	73.15	ug/l	100
74) N-amyl acetate	12.28	43	397202	91.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	299189	78.91	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	204063m	76.68	ug/l	
77) Bromobenzene	12.76	156	424716	70.41	ug/l	97
78) n-propylbenzene	12.81	91	2153166	73.23	ug/l	100
79) 2-Chlorotoluene	12.90	91	1215948	70.72	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1531127	72.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	88560	80.92	ug/l	100
82) 4-Chlorotoluene	12.99	91	1268651	69.82	ug/l	100
83) tert-Butylbenzene	13.21	119	1289420	72.80	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1557037	72.74	ug/l	99
85) sec-Butylbenzene	13.39	105	1905586	73.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	1692561	73.92	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	855863	69.22	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	852084	69.36	ug/l	100
89) n-Butylbenzene	13.83	91	1592172	75.17	ug/l	100
90) Hexachloroethane	14.10	117	275375	72.03	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	777659	71.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	51808	86.34	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	553184	76.55	ug/l	100
94) Hexachlorobutadiene	15.24	225	336429	74.40	ug/l	100
95) Naphthalene	15.38	128	1040647	90.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	490386	78.98	ug/l	99

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

