

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003951.D
 Acq On : 16 Jul 2018 14:33
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 7/17/2018 10:11:21 AM

Quant Time: Jul 16 14:57:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:45:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	197107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	477555	160.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.82%	
35) Dibromofluoromethane	7.88	113	421899	155.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.90%	
50) Toluene-d8	10.33	98	1638546	155.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.50%	
62) 4-Bromofluorobenzene	12.62	95	599563	158.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	226586	152.07	ug/l	95
3) Chloromethane	2.21	50	283026	142.27	ug/l	100
4) Vinyl Chloride	2.36	62	397302	145.71	ug/l	99
5) Bromomethane	2.75	94	267458	159.29	ug/l	99
6) Chloroethane	2.91	64	240013	156.44	ug/l	96
7) Trichlorofluoromethane	3.24	101	154201	132.38	ug/l	97
8) Diethyl Ether	3.67	74	205248	155.58	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	386557	146.24	ug/l	100
10) Methyl Iodide	4.26	142	594811	157.89	ug/l	99
11) Tert butyl alcohol	5.19	59	174717	850.40	ug/l	99
12) 1,1-Dichloroethene	4.03	96	396998	152.93	ug/l	99
13) Acrolein	3.89	56	148685	693.54	ug/l	97
14) Allyl chloride	4.65	41	647495	150.29	ug/l	99
15) Acrylonitrile	5.37	53	554232	817.31	ug/l	100
16) Acetone	4.12	43	526108	728.60	ug/l	98
17) Carbon Disulfide	4.37	76	1232609	151.81	ug/l	100
18) Methyl Acetate	4.67	43	287885	168.11	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	808157	162.68	ug/l	99
20) Methylene Chloride	4.91	84	437698	160.89	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	431795	151.37	ug/l	97
22) Diisopropyl ether	6.31	45	1365200	157.33	ug/l	98
23) Vinyl Acetate	6.25	43	4591572	838.05	ug/l	100
24) 1,1-Dichloroethane	6.21	63	812628	153.90	ug/l	99
25) 2-Butanone	7.18	43	801368	830.76	ug/l	100
26) 2,2-Dichloropropane	7.17	77	413083	134.57	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	481693	156.95	ug/l	98
28) Bromochloromethane	7.51	49	311562	143.74	ug/l	100
29) Tetrahydrofuran	7.53	42	513783	855.68	ug/l	100
30) Chloroform	7.68	83	805835	153.36	ug/l	98
31) Cyclohexane	7.95	56	708884	142.16	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	609687	147.99	ug/l	99
36) 1,1-Dichloropropene	8.08	75	647148	147.77	ug/l	100
37) Ethyl Acetate	7.26	43	344939	163.77	ug/l	100
38) Carbon Tetrachloride	8.07	117	607609	148.57	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	794451	154.99	ug/l	100
40) Benzene	8.32	78	1820637	150.20	ug/l	99
41) Methacrylonitrile	7.49	41	210929	184.88	ug/l	89
42) 1,2-Dichloroethane	8.40	62	565836	153.11	ug/l	100
43) Isopropyl Acetate	8.43	43	666164	170.40	ug/l	99
44) Trichloroethene	9.09	130	471917	150.10	ug/l	97
45) 1,2-Dichloropropane	9.37	63	471744	152.94	ug/l	100
46) Dibromomethane	9.46	93	249764	155.74	ug/l	99
47) Bromodichloromethane	9.65	83	621945	158.17	ug/l	98
48) Methyl methacrylate	9.44	41	333066	176.13	ug/l	97
49) 1,4-Dioxane	9.46	88	82082	3323.01	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1755801	837.80	ug/l	100
52) Toluene	10.39	92	1134804	151.40	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	668209	162.42	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	753612	160.15	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	346666	153.46	ug/l	99
56) Ethyl methacrylate	10.65	69	511336	176.52	ug/l	98
57) 1,3-Dichloropropane	10.94	76	612504	156.23	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	1133964	853.95	ug/l	100
59) 2-Hexanone	10.98	43	1247402	843.96	ug/l	100
60) Dibromochloromethane	11.13	129	422550	161.37	ug/l	99
61) 1,2-Dibromoethane	11.24	107	346980	162.52	ug/l	99
64) Tetrachloroethene	10.87	164	404986	148.76	ug/l	98
65) Chlorobenzene	11.66	112	1240234	147.23	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	449317	154.33	ug/l	99
67) Ethyl Benzene	11.74	91	2278147	154.08	ug/l	100
68) m/p-Xylenes	11.85	106	1712793	303.00	ug/l	99
69) o-Xylene	12.17	106	810083	154.53	ug/l	99
70) Styrene	12.19	104	1377532	157.69	ug/l	99
71) Bromoform	12.35	173	266635	162.28	ug/l	100
73) Isopropylbenzene	12.47	105	2205077	160.27	ug/l	100
74) N-amyl acetate	12.28	43	630348	176.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	428186	160.63	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	300657m	155.19	ug/l	
77) Bromobenzene	12.75	156	519106	157.91	ug/l	99
78) n-propylbenzene	12.81	91	2658653	157.06	ug/l	100
79) 2-Chlorotoluene	12.90	91	1492064	156.47	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1819904	156.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	148652	171.01	ug/l	99
82) 4-Chlorotoluene	12.99	91	1589146	155.74	ug/l	100
83) tert-Butylbenzene	13.21	119	1548412	158.79	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1875319	157.16	ug/l	99
85) sec-Butylbenzene	13.39	105	2237077	154.32	ug/l	100
86) p-Isopropyltoluene	13.51	119	1979203	155.32	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1000484	151.70	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	985807	149.05	ug/l	99
89) n-Butylbenzene	13.83	91	1920953	153.39	ug/l	98
90) Hexachloroethane	14.10	117	366815	157.40	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	897351	152.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	77200	163.01	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	645530	156.75	ug/l	98
94) Hexachlorobutadiene	15.25	225	353907	148.52	ug/l	99
95) Naphthalene	15.38	128	1312041	172.88	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	577626	158.62	ug/l	100

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

