

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007185.D
 Acq On : 04 Dec 2018 13:45
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:47 PM

Quant Time: Dec 05 01:06:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	165834	160.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.08%	
35) Dibromofluoromethane	7.88	113	161295	160.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.74%	
50) Toluene-d8	10.33	98	655164	147.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.76%	
62) 4-Bromofluorobenzene	12.62	95	247097	147.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	154745	127.087	ug/l	99
3) Chloromethane	2.21	50	197868	128.320	ug/l	100
4) Vinyl Chloride	2.35	62	127729	132.298	ug/l	99
5) Bromomethane	2.73	94	67253	139.011	ug/l	99
6) Chloroethane	2.90	64	72783	134.358	ug/l	95
7) Trichlorofluoromethane	3.25	101	275551	146.390	ug/l	99
8) Diethyl Ether	3.68	74	84024	160.144	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	168058	147.799	ug/l	99
10) Methyl Iodide	4.27	142	170804	176.335	ug/l	98
11) Tert butyl alcohol	5.17	59	72064	595.883	ug/l	99
12) 1,1-Dichloroethene	4.04	96	156343	146.719	ug/l	97
13) Acrolein	3.90	56	58485	805.526	ug/l	100
14) Allyl chloride	4.67	41	254356	148.916	ug/l	99
15) Acrylonitrile	5.37	53	173844	792.573	ug/l	99
16) Acetone	4.12	43	187101	762.743	ug/l	98
17) Carbon Disulfide	4.38	76	522572	148.774	ug/l	100
18) Methyl Acetate	4.67	43	89211	159.328	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	392737	156.539	ug/l	99
20) Methylene Chloride	4.92	84	172282	118.105	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	177866	149.487	ug/l	98
22) Diisopropyl ether	6.31	45	448459	146.257	ug/l	98
23) Vinyl Acetate	6.26	43	1313496	785.077	ug/l	99
24) 1,1-Dichloroethane	6.22	63	299865	152.582	ug/l	99
25) 2-Butanone	7.17	43	226905	797.970	ug/l	99
26) 2,2-Dichloropropane	7.17	77	271491	143.753	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	194679	152.629	ug/l	99
28) Bromochloromethane	7.51	49	109336	154.290	ug/l	100
29) Tetrahydrofuran	7.53	42	143058	814.136	ug/l	99
30) Chloroform	7.68	83	311972	152.744	ug/l	99
31) Cyclohexane	7.96	56	268387	130.522	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	280558	145.963	ug/l	98
36) 1,1-Dichloropropene	8.09	75	234987	137.487	ug/l	100
37) Ethyl Acetate	7.26	43	92790	150.086	ug/l	98
38) Carbon Tetrachloride	8.07	117	244977	140.430	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	318124	139.040	ug/l	98
40) Benzene	8.32	78	660881	141.011	ug/l	99
41) Methacrylonitrile	7.49	41	55880	150.899	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	199231	152.104	ug/l	99
43) Isopropyl Acetate	8.43	43	190263	158.453	ug/l	99
44) Trichloroethene	9.09	130	183632	139.390	ug/l	95
45) 1,2-Dichloropropane	9.37	63	155425	142.509	ug/l	97
46) Dibromomethane	9.46	93	88159	155.559	ug/l	97
47) Bromodichloromethane	9.65	83	223298	149.791	ug/l	98
48) Methyl methacrylate	9.44	41	100820	161.778	ug/l	98
49) 1,4-Dioxane	9.45	88	27569	2784.717	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	457500	773.151	ug/l	99
52) Toluene	10.39	92	458050	140.499	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	228438	152.417	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	262370	149.376	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	116863	144.969	ug/l	97
56) Ethyl methacrylate	10.65	69	167044	158.857	ug/l	96
57) 1,3-Dichloropropane	10.93	76	204598	150.332	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	276194	653.924	ug/l	99
59) 2-Hexanone	10.97	43	312056	727.474	ug/l	97
60) Dibromochloromethane	11.13	129	152767	154.191	ug/l	97
61) 1,2-Dibromoethane	11.24	107	116465	150.630	ug/l	100
64) Tetrachloroethene	10.87	164	162343	140.353	ug/l	95
65) Chlorobenzene	11.66	112	489895	138.554	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	158115	144.797	ug/l	99
67) Ethyl Benzene	11.73	91	902060	139.978	ug/l	92
68) m/p-Xylenes	11.84	106	714761	282.723	ug/l	99
69) o-Xylene	12.17	106	336716	142.554	ug/l	98
70) Styrene	12.18	104	544656	140.864	ug/l	99
71) Bromoform	12.35	173	85854	157.059	ug/l #	99
73) Isopropylbenzene	12.47	105	926277	146.012	ug/l	98
74) N-amyl acetate	12.27	43	177834	158.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	124277	150.842	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	101809m	97.115	ug/l	
77) Bromobenzene	12.75	156	200118	146.142	ug/l	97
78) n-propylbenzene	12.81	91	1101585	145.753	ug/l	96
79) 2-Chlorotoluene	12.90	91	603452	141.391	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	769392	141.770	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.51	75	45578	162.658	ug/l	100
82) 4-Chlorotoluene	12.99	91	674970	148.658	ug/l	94
83) tert-Butylbenzene	13.21	119	697262	147.020	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	770790	139.137	ug/l	96
85) sec-Butylbenzene	13.39	105	940077	138.846	ug/l	98
86) p-Isopropyltoluene	13.51	119	835409	138.606	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	388712	138.280	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	414210	145.875	ug/l	97
89) n-Butylbenzene	13.83	91	808287	143.511	ug/l	99
90) Hexachloroethane	14.10	117	138312	150.589	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	348744	143.307	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24898	156.000	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	248431	147.309	ug/l	98
94) Hexachlorobutadiene	15.24	225	129912	142.849	ug/l	98
95) Naphthalene	15.38	128	474718	157.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	212379	149.346	ug/l	98

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

