

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW006002.D
 Acq On : 10 Oct 2018 22:58
 Operator : SY/AP
 Sample : VW1011SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Manual Integrations
 APPROVED

apatel
 10/11/2018 2:21:15 PM

Quant Time: Oct 11 05:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111413	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.88	113	111821	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.32	98	428756	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	158470	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20501	19.015	ug/l	98
3) Chloromethane	2.21	50	27951	22.040	ug/l	99
4) Vinyl Chloride	2.37	62	41670	20.696	ug/l	95
5) Bromomethane	2.78	94	41168	25.908	ug/l	97
6) Chloroethane	2.92	64	30654	23.897	ug/l	97
7) Trichlorofluoromethane	3.25	101	31403	19.649	ug/l	95
8) Diethyl Ether	3.68	74	21031	21.382	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38693	19.184	ug/l	99
10) Methyl Iodide	4.27	142	65128	19.745	ug/l	100
11) Tert butyl alcohol	5.22	59	14178	90.575	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	36711	18.954	ug/l	96
13) Acrolein	3.89	56	12877	92.312	ug/l	95
14) Allyl chloride	4.66	41	53151	16.092	ug/l	96
15) Acrylonitrile	5.37	53	42533	99.362	ug/l	99
16) Acetone	4.14	43	35256	82.639	ug/l	98
17) Carbon Disulfide	4.38	76	93333	15.939	ug/l	98
18) Methyl Acetate	4.67	43	19498	18.111	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	61803	20.510	ug/l	99
20) Methylene Chloride	4.92	84	59533	27.852	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	41662	19.736	ug/l	98
22) Diisopropyl ether	6.31	45	115789	18.753	ug/l	95
23) Vinyl Acetate	6.26	43	350986	92.358	ug/l	99
24) 1,1-Dichloroethane	6.21	63	73388	19.423	ug/l	100
25) 2-Butanone	7.18	43	56799	93.604	ug/l	99
26) 2,2-Dichloropropane	7.17	77	42125	15.841	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	49388	20.688	ug/l	95
28) Bromochloromethane	7.51	49	29377	21.063	ug/l	90
29) Tetrahydrofuran	7.54	42	37011	96.487	ug/l	96
30) Chloroform	7.68	83	80196	20.663	ug/l	99
31) Cyclohexane	7.95	56	63934	17.098	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	64828	18.756	ug/l	100
36) 1,1-Dichloropropene	8.08	75	59633	18.731	ug/l	100
37) Ethyl Acetate	7.26	43	26006	19.289	ug/l	98
38) Carbon Tetrachloride	8.07	117	61293	17.919	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75041	17.870	ug/l	96
40) Benzene	8.32	78	172290	19.772	ug/l	98
41) Methacrylonitrile	7.49	41	16954	20.086	ug/l	98
42) 1,2-Dichloroethane	8.40	62	51617	19.607	ug/l	98
43) Isopropyl Acetate	8.43	43	51477	18.278	ug/l	97
44) Trichloroethene	9.09	130	50802	20.094	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41670	19.105	ug/l	99
46) Dibromomethane	9.46	93	24491	20.430	ug/l	99
47) Bromodichloromethane	9.65	83	56853	18.847	ug/l	97
48) Methyl methacrylate	9.44	41	23781	17.726	ug/l	90
49) 1,4-Dioxane	9.48	88	7800	428.364	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	133117	97.064	ug/l	98
52) Toluene	10.39	92	111688	19.511	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53050	16.828	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62504	17.638	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34077	20.524	ug/l	99
56) Ethyl methacrylate	10.65	69	43056	19.240	ug/l	94
57) 1,3-Dichloropropane	10.93	76	57167	20.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	93071	102.211	ug/l	99
59) 2-Hexanone	10.98	43	89273	90.785	ug/l	96
60) Dibromochloromethane	11.13	129	41006	19.138	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34358	20.708	ug/l	99
64) Tetrachloroethene	10.87	164	46179	20.310	ug/l	96
65) Chlorobenzene	11.66	112	132704	20.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45689	19.065	ug/l	99
67) Ethyl Benzene	11.73	91	223443	19.348	ug/l	96
68) m/p-Xylenes	11.84	106	176765	39.167	ug/l	98
69) o-Xylene	12.17	106	85706	19.836	ug/l	97
70) Styrene	12.18	104	138745	19.354	ug/l	98
71) Bromoform	12.35	173	25201	17.654	ug/l #	100
73) Isopropylbenzene	12.47	105	233648	18.941	ug/l	99
74) N-amyl acetate	12.28	43	51124	17.451	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	40846	20.202	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31267m	20.723	ug/l	
77) Bromobenzene	12.75	156	58902	20.155	ug/l	96
78) n-propylbenzene	12.81	91	275766	19.004	ug/l	99
79) 2-Chlorotoluene	12.90	91	156315	19.083	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	198731	19.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10362	14.499	ug/l	94
82) 4-Chlorotoluene	12.99	91	165383	19.190	ug/l	98
83) tert-Butylbenzene	13.21	119	178182	19.237	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	203731	19.394	ug/l	99
85) sec-Butylbenzene	13.39	105	249503	19.190	ug/l	100
86) p-Isopropyltoluene	13.51	119	226415	19.364	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	117403	20.221	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117456	20.358	ug/l	100
89) n-Butylbenzene	13.83	91	207507	18.827	ug/l	99
90) Hexachloroethane	14.10	117	36319	16.516	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	106832	20.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6738	17.883	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	80241	20.076	ug/l	100
94) Hexachlorobutadiene	15.24	225	47830	19.172	ug/l	99
95) Naphthalene	15.38	128	143046	20.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71726	20.725	ug/l	99

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

