

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004704.D
 Acq On : 15 Aug 2018 19:27
 Operator : SY/AP
 Sample : VW0817SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBS01

Manual Integrations
 APPROVED

apatel
 8/16/2018 10:01:34 AM

Quant Time: Aug 16 05:13:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	648641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1002130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	951941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	514188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	336751	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.88	113	333627	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.33	98	1307258	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.62	95	479597	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	87930	19.75	ug/l	100
3) Chloromethane	2.21	50	115558	18.63	ug/l	97
4) Vinyl Chloride	2.37	62	177232	20.46	ug/l	98
5) Bromomethane	2.78	94	106086	21.03	ug/l	96
6) Chloroethane	2.92	64	105333	20.35	ug/l	99
7) Trichlorofluoromethane	3.25	101	74054	23.14	ug/l	99
8) Diethyl Ether	3.68	74	80438	19.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	144313	20.42	ug/l	97
10) Methyl Iodide	4.27	142	216388	20.41	ug/l	100
11) Tert butyl alcohol	5.20	59	38665	91.97	ug/l	98
12) 1,1-Dichloroethene	4.03	96	145807	20.50	ug/l	98
13) Acrolein	3.89	56	46780	90.81	ug/l	100
14) Allyl chloride	4.66	41	214063	20.03	ug/l	100
15) Acrylonitrile	5.37	53	171796	95.51	ug/l	98
16) Acetone	4.14	43	179012	99.83	ug/l	98
17) Carbon Disulfide	4.37	76	459217	20.09	ug/l	100
18) Methyl Acetate	4.67	43	81478	18.22	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	189526	19.53	ug/l	97
20) Methylene Chloride	4.91	84	192355	15.92	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	154011	20.09	ug/l	97
22) Diisopropyl ether	6.31	45	454232	20.68	ug/l	99
23) Vinyl Acetate	6.26	43	1252823	94.92	ug/l	99
24) 1,1-Dichloroethane	6.21	63	281503	20.02	ug/l	97
25) 2-Butanone	7.18	43	262479	91.00	ug/l	100
26) 2,2-Dichloropropane	7.17	77	154454	20.93	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	168949	20.49	ug/l	99
28) Bromochloromethane	7.51	49	117286	19.18	ug/l	96
29) Tetrahydrofuran	7.54	42	134865	90.44	ug/l	99
30) Chloroform	7.68	83	279242	20.22	ug/l	100
31) Cyclohexane	7.96	56	260136	19.34	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	215342	20.76	ug/l	99
36) 1,1-Dichloropropene	8.09	75	222740	20.64	ug/l	99
37) Ethyl Acetate	7.26	43	92646	18.33	ug/l	99
38) Carbon Tetrachloride	8.07	117	200448	20.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	264044	19.96	ug/l	97
40) Benzene	8.32	78	659079	20.80	ug/l	100
41) Methacrylonitrile	7.49	41	52095	18.46	ug/l	97
42) 1,2-Dichloroethane	8.40	62	174007	19.85	ug/l	99
43) Isopropyl Acetate	8.43	43	163195	18.53	ug/l	98
44) Trichloroethene	9.09	130	161880	20.79	ug/l	98
45) 1,2-Dichloropropane	9.37	63	162217	20.44	ug/l	99
46) Dibromomethane	9.46	93	80777	20.00	ug/l	97
47) Bromodichloromethane	9.65	83	192314	20.17	ug/l	99
48) Methyl methacrylate	9.44	41	77340	18.79	ug/l	99
49) 1,4-Dioxane	9.46	88	23970	388.94	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	578691	94.38	ug/l	99
52) Toluene	10.39	92	396992	21.25	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	187395	19.57	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	227312	20.37	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114036	19.70	ug/l	99
56) Ethyl methacrylate	10.65	69	132761	19.15	ug/l	98
57) 1,3-Dichloropropane	10.94	76	201701	20.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	332976	96.16	ug/l	99
59) 2-Hexanone	10.98	43	386779	93.04	ug/l	99
60) Dibromochloromethane	11.13	129	126659	20.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108692	19.98	ug/l	98
64) Tetrachloroethene	10.87	164	139869	21.06	ug/l	97
65) Chlorobenzene	11.66	112	437130	20.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	147709	20.68	ug/l	99
67) Ethyl Benzene	11.74	91	739001	20.78	ug/l	97
68) m/p-Xylenes	11.84	106	587956	42.78	ug/l	98
69) o-Xylene	12.17	106	265181	20.80	ug/l	99
70) Styrene	12.19	104	456110	21.18	ug/l	100
71) Bromoform	12.35	173	77344	19.70	ug/l	100
73) Isopropylbenzene	12.47	105	735971	20.69	ug/l	100
74) N-amyl acetate	12.28	43	156319	18.13	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	143174	19.28	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	92615m	17.41	ug/l	
77) Bromobenzene	12.75	156	181099	21.05	ug/l	96
78) n-propylbenzene	12.81	91	922125	21.01	ug/l	100
79) 2-Chlorotoluene	12.90	91	527265	20.76	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	642423	21.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39619	17.83	ug/l	95
82) 4-Chlorotoluene	12.99	91	566514	21.02	ug/l	100
83) tert-Butylbenzene	13.21	119	529235	20.80	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	662803	21.10	ug/l	99
85) sec-Butylbenzene	13.39	105	806822	21.02	ug/l	100
86) p-Isopropyltoluene	13.51	119	705668	21.21	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	368095	20.76	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	365441	20.70	ug/l	99
89) n-Butylbenzene	13.83	91	668160	20.44	ug/l	99
90) Hexachloroethane	14.10	117	123854	20.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	334246	20.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22493	18.54	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	231643	20.80	ug/l	100
94) Hexachlorobutadiene	15.24	225	138962	21.43	ug/l	100
95) Naphthalene	15.38	128	396541	19.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	208502	20.83	ug/l	98

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

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