

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007061.D
 Acq On : 26 Nov 2018 21:30
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/27/2018 3:03:04 PM

Quant Time: Nov 27 07:18:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	106585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	168246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51282	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	7.88	113	46535	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.32	98	203841	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.62	95	82365	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48428	46.02	ug/l	99
3) Chloromethane	2.21	50	43449	49.54	ug/l	99
4) Vinyl Chloride	2.35	62	41842	48.49	ug/l	100
5) Bromomethane	2.78	94	25493	55.35	ug/l	90
6) Chloroethane	2.92	64	23146	48.66	ug/l	99
7) Trichlorofluoromethane	3.26	101	81565	48.07	ug/l	100
8) Diethyl Ether	3.69	74	28623	52.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	49845	45.31	ug/l	98
10) Methyl Iodide	4.28	142	65933	52.36	ug/l	99
11) Tert butyl alcohol	5.22	59	22387	329.56	ug/l	98
12) 1,1-Dichloroethene	4.04	96	47656	49.40	ug/l	98
13) Acrolein	3.90	56	19994	286.60	ug/l	99
14) Allyl chloride	4.67	41	80471	50.29	ug/l	100
15) Acrylonitrile	5.38	53	59818	291.11	ug/l	99
16) Acetone	4.15	43	45666	301.42	ug/l	97
17) Carbon Disulfide	4.38	76	160166	51.35	ug/l	98
18) Methyl Acetate	4.68	43	29757	55.15	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	143651	57.03	ug/l	97
20) Methylene Chloride	4.92	84	64622	53.95	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	55171	49.09	ug/l	97
22) Diisopropyl ether	6.31	45	161936	51.99	ug/l	95
23) Vinyl Acetate	6.26	43	475574	287.54	ug/l	100
24) 1,1-Dichloroethane	6.22	63	94932	50.10	ug/l	98
25) 2-Butanone	7.18	43	75353	290.40	ug/l	96
26) 2,2-Dichloropropane	7.17	77	82405	48.36	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	60932	50.91	ug/l	99
28) Bromochloromethane	7.51	49	35997	50.83	ug/l	100
29) Tetrahydrofuran	7.53	42	48314	287.49	ug/l	99
30) Chloroform	7.68	83	100221	49.79	ug/l	100
31) Cyclohexane	7.96	56	89733	44.65	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	90821	50.09	ug/l	100
36) 1,1-Dichloropropene	8.09	75	80596	49.02	ug/l	99
37) Ethyl Acetate	7.26	43	35187	59.06	ug/l	99
38) Carbon Tetrachloride	8.07	117	78508	49.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	100410	48.80	ug/l	97
40) Benzene	8.32	78	228339	51.45	ug/l	97
41) Methacrylonitrile	7.49	41	20598	55.67	ug/l	100
42) 1,2-Dichloroethane	8.40	62	68008	52.78	ug/l	100
43) Isopropyl Acetate	8.43	43	69912	61.58	ug/l	96
44) Trichloroethene	9.09	130	64089	51.51	ug/l	96
45) 1,2-Dichloropropane	9.37	63	56434	51.58	ug/l	99
46) Dibromomethane	9.46	93	29863	54.51	ug/l	99
47) Bromodichloromethane	9.65	83	76539	53.03	ug/l	98
48) Methyl methacrylate	9.44	41	33540	61.27	ug/l	98
49) 1,4-Dioxane	9.48	88	10184	1250.66	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	169302	295.07	ug/l	100
52) Toluene	10.39	92	157760	52.23	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	80142	57.31	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	92007	54.46	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44636	55.38	ug/l	97
56) Ethyl methacrylate	10.65	69	58216	62.22	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74824	55.39	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	135416	276.97	ug/l	100
59) 2-Hexanone	10.97	43	120917	307.75	ug/l	100
60) Dibromochloromethane	11.13	129	53685	58.45	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42585	57.75	ug/l	100
64) Tetrachloroethene	10.87	164	55324	52.43	ug/l	98
65) Chlorobenzene	11.66	112	178267	52.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	55906	53.99	ug/l	99
67) Ethyl Benzene	11.73	91	319445	50.80	ug/l	100
68) m/p-Xylenes	11.84	106	253034	102.56	ug/l	99
69) o-Xylene	12.17	106	120117	51.63	ug/l	99
70) Styrene	12.18	104	197316	53.29	ug/l	100
71) Bromoform	12.35	173	29371	60.21	ug/l #	99
73) Isopropylbenzene	12.47	105	327923	50.29	ug/l	99
74) N-amyl acetate	12.27	43	68456	62.64	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	47801	55.09	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30287m	45.94	ug/l	
77) Bromobenzene	12.75	156	73450	52.45	ug/l	98
78) n-propylbenzene	12.81	91	389514	49.32	ug/l	100
79) 2-Chlorotoluene	12.90	91	228701	50.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	289159	51.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14949	56.93	ug/l	98
82) 4-Chlorotoluene	12.99	91	242096	50.66	ug/l	100
83) tert-Butylbenzene	13.21	119	245084	50.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	288706	51.39	ug/l	99
85) sec-Butylbenzene	13.39	105	342356	49.64	ug/l	99
86) p-Isopropyltoluene	13.51	119	307629	50.56	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	147070	51.44	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	148975	52.26	ug/l	99
89) n-Butylbenzene	13.83	91	288714	50.43	ug/l	100
90) Hexachloroethane	14.10	117	45806	51.57	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	134176	53.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9159	62.50	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	89308	54.06	ug/l	99
94) Hexachlorobutadiene	15.24	225	46589	51.88	ug/l	98
95) Naphthalene	15.37	128	180895	60.33	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	77147	56.29	ug/l	99

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

