

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006957.D
 Acq On : 19 Nov 2018 21:50
 Operator : SY/AP
 Sample : J5981-04MSD
 Misc : 3.95G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)MSD

Manual Integrations
 APPROVED

apatel
 11/20/2018 4:50:10 PM

Quant Time: Nov 20 05:55:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	151349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	39125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43960	38.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.52%	
35) Dibromofluoromethane	7.89	113	41927	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	10.33	98	187007	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.62	95	54357	36.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	50599	51.257	ug/l	98
3) Chloromethane	2.21	50	40674	45.770	ug/l	99
4) Vinyl Chloride	2.35	62	33418	39.670	ug/l	97
5) Bromomethane	2.78	94	20714	45.777	ug/l	97
6) Chloroethane	2.92	64	20767	44.764	ug/l	94
7) Trichlorofluoromethane	3.26	101	83129	50.702	ug/l	99
8) Diethyl Ether	3.69	74	27783	46.827	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50143	47.358	ug/l	98
10) Methyl Iodide	4.28	142	49098	38.339	ug/l	99
11) Tert butyl alcohol	5.21	59	17829	203.950	ug/l	96
12) 1,1-Dichloroethene	4.04	96	36673	38.605	ug/l	95
13) Acrolein	3.90	56	15276	192.716	ug/l	96
14) Allyl chloride	4.67	41	58452	34.977	ug/l	98
15) Acrylonitrile	5.38	53	52008	225.224	ug/l	97
16) Acetone	4.14	43	45981	261.610	ug/l	96
17) Carbon Disulfide	4.38	76	55531	18.478	ug/l	98
18) Methyl Acetate	4.68	43	30334	47.161	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	142365	51.122	ug/l	97
20) Methylene Chloride	4.92	84	51402	41.919	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	27796	24.529	ug/l	97
22) Diisopropyl ether	6.32	45	171009	50.134	ug/l	99
23) Vinyl Acetate	6.26	43	385695	204.192	ug/l	100
24) 1,1-Dichloroethane	6.22	63	92935	47.316	ug/l	99
25) 2-Butanone	7.18	43	72908	249.770	ug/l	100
26) 2,2-Dichloropropane	7.17	77	84199	49.130	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	41713	33.108	ug/l	95
28) Bromochloromethane	7.51	49	24609	34.113	ug/l #	98
29) Tetrahydrofuran	7.54	42	46141	243.064	ug/l	100
30) Chloroform	7.68	83	94446	43.860	ug/l	99
31) Cyclohexane	7.96	56	79076	40.186	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	93067	50.203	ug/l	99
36) 1,1-Dichloropropene	8.09	75	56382	39.104	ug/l	99
37) Ethyl Acetate	7.26	43	30187	49.241	ug/l	97
38) Carbon Tetrachloride	8.07	117	77259	54.523	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62172	34.745	ug/l	99
40) Benzene	8.32	78	221134	54.266	ug/l	98
41) Methacrylonitrile	7.49	41	18806	50.084	ug/l	94
42) 1,2-Dichloroethane	8.40	62	55921	45.841	ug/l	99
43) Isopropyl Acetate	8.43	43	62970	53.532	ug/l	99
44) Trichloroethene	9.09	130	41731	38.087	ug/l	96
45) 1,2-Dichloropropane	9.37	63	56421	54.813	ug/l	100
46) Dibromomethane	9.46	93	19996	38.359	ug/l	95
47) Bromodichloromethane	9.65	83	67980	49.525	ug/l	98
48) Methyl methacrylate	9.44	41	30914	54.462	ug/l	96
49) 1,4-Dioxane	9.48	88	9235	1169.099	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	165458	285.396	ug/l	99
52) Toluene	10.39	92	141497	51.903	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	41328	30.809	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	61271	38.168	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40410	52.575	ug/l	97
56) Ethyl methacrylate	10.65	69	51044	53.415	ug/l	98
57) 1,3-Dichloropropane	10.93	76	63005	48.180	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	106266	226.196	ug/l	98
59) 2-Hexanone	10.97	43	113112	291.520	ug/l	99
60) Dibromochloromethane	11.13	129	43564	49.703	ug/l	98
61) 1,2-Dibromoethane	11.24	107	29487	41.278	ug/l	99
64) Tetrachloroethene	10.87	164	38686	51.150	ug/l	97
65) Chlorobenzene	11.66	112	129488	52.195	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50283	63.602	ug/l	99
67) Ethyl Benzene	11.73	91	255507	57.125	ug/l	98
68) m/p-Xylenes	11.84	106	200292	114.994	ug/l	100
69) o-Xylene	12.17	106	104881	63.445	ug/l	100
70) Styrene	12.18	104	138667	52.161	ug/l	98
71) Bromoform	12.35	173	22328	60.580	ug/l #	98
73) Isopropylbenzene	12.47	105	241730	78.015	ug/l	100
74) N-amyl acetate	12.27	43	53009	85.482	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	42439	93.114	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31364m	99.753	ug/l	
77) Bromobenzene	12.75	156	46106	70.208	ug/l	100
78) n-propylbenzene	12.81	91	234298	62.929	ug/l	100
79) 2-Chlorotoluene	12.90	91	157570	72.215	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	197215	73.918	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	9561	69.221	ug/l	98
82) 4-Chlorotoluene	12.99	91	135468	58.886	ug/l	98
83) tert-Butylbenzene	13.21	119	158334	69.882	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	199256	74.340	ug/l	99
85) sec-Butylbenzene	13.39	105	174930	54.110	ug/l	99
86) p-Isopropyltoluene	13.51	119	159939	56.606	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	71539	53.273	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	66689	49.830	ug/l	98
89) n-Butylbenzene	13.83	91	101880	38.092	ug/l	98
90) Hexachloroethane	14.10	117	23398	50.796	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	77042	64.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7666	97.196	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	23616	31.258	ug/l	96
94) Hexachlorobutadiene	15.24	225	8372	20.978	ug/l	98
95) Naphthalene	15.38	128	1358812	933.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	23237	35.878	ug/l	98

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

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