

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009260.D
 Acq On : 24 Jan 2019 15:11
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICSVV012419

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:01:37 AM

Quant Time: Jan 24 15:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 15:04:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	78850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	130491	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.90	117	121202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	63298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	47733	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	4.64	113	42714	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	7.36	98	163811	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	10.12	95	64219	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	32779	49.435	ug/l	99
3) Chloromethane	1.25	50	42053	46.944	ug/l	100
4) Vinyl Chloride	1.33	62	43139	47.536	ug/l	97
5) Bromomethane	1.53	94	23679	46.116	ug/l	100
6) Chloroethane	1.60	64	22298	46.848	ug/l	93
7) Trichlorofluoromethane	1.76	101	19464	45.401	ug/l	100
8) Diethyl Ether	1.96	74	20176	47.266	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.14	101	36135	47.344	ug/l	97
10) Methyl Iodide	2.26	142	58878	46.825	ug/l	98
11) Tert butyl alcohol	2.65	59	20233	267.838	ug/l #	94
12) 1,1-Dichloroethene	2.14	96	36233	45.687	ug/l	92
13) Acrolein	2.06	56	11963	260.720	ug/l	98
14) Allyl chloride	2.42	41	55288	46.672	ug/l	95
15) Acrylonitrile	2.76	53	51050	255.368	ug/l	97
16) Acetone	2.18	43	60992	242.709	ug/l	97
17) Carbon Disulfide	2.32	76	104803	47.070	ug/l	99
18) Methyl Acetate	2.44	43	31716	48.172	ug/l	98
19) Methyl tert-butyl Ether	2.80	73	60488	48.724	ug/l	99
20) Methylene Chloride	2.53	84	38541	46.678	ug/l	97
21) trans-1,2-Dichloroethene	2.78	96	37378	45.514	ug/l	90
22) Diisopropyl ether	3.33	45	125921	44.475	ug/l	89
23) Vinyl Acetate	3.30	43	423257	242.488	ug/l	98
24) 1,1-Dichloroethane	3.22	63	74620	42.675	ug/l	98
25) 2-Butanone	4.01	43	83930	243.552	ug/l	99
26) 2,2-Dichloropropane	3.95	77	40601	45.555	ug/l	96
27) cis-1,2-Dichloroethene	3.95	96	46191	44.355	ug/l	96
28) Bromochloromethane	4.29	49	36062	51.407	ug/l	94
29) Tetrahydrofuran	4.39	42	49340	251.210	ug/l	96
30) Chloroform	4.42	83	77475	44.095	ug/l	99
31) Cyclohexane	4.72	56	69854	43.333	ug/l	94
32) 1,1,1-Trichloroethane	4.65	97	60833	44.532	ug/l	99
36) 1,1-Dichloropropene	4.87	75	59536	45.563	ug/l	98
37) Ethyl Acetate	4.12	43	33245	43.630	ug/l	98
38) Carbon Tetrachloride	4.87	117	60149	46.551	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	77656	47.423	ug/l	100
40) Benzene	5.14	78	172737	44.873	ug/l	99
41) Methacrylonitrile	4.31	41	18822	49.444	ug/l	94
42) 1,2-Dichloroethane	5.17	62	54235	45.311	ug/l	97
43) Isopropyl Acetate	5.33	43	61993	48.978	ug/l	97
44) Trichloroethene	5.96	130	45584	44.373	ug/l	93
45) 1,2-Dichloropropane	6.22	63	42153	44.482	ug/l	99
46) Dibromomethane	6.35	93	24877	46.860	ug/l	95
47) Bromodichloromethane	6.55	83	56779	45.470	ug/l	98
48) Methyl methacrylate	6.42	41	31395	50.002	ug/l	99
49) 1,4-Dioxane	6.41	88	8432	1012.206	ug/l	94
51) 4-Methyl-2-Pentanone	7.27	43	166446	249.871	ug/l	98
52) Toluene	7.43	92	109307	44.966	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	58583	46.390	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	66175	46.190	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	35424	47.854	ug/l	98
56) Ethyl methacrylate	7.83	69	45339	50.695	ug/l	98
57) 1,3-Dichloropropane	8.05	76	61758	46.827	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.94	63	4184	245.673	ug/l	95
59) 2-Hexanone	8.18	43	122531	255.873	ug/l	98
60) Dibromochloromethane	8.29	129	39351	46.505	ug/l	99
61) 1,2-Dibromoethane	8.40	107	35433	47.640	ug/l	99
64) Tetrachloroethene	8.02	164	38775	46.397	ug/l	95
65) Chlorobenzene	8.92	112	121364	44.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.02	131	41750	45.745	ug/l	98
67) Ethyl Benzene	9.05	91	212918	45.913	ug/l	99
68) m/p-Xylenes	9.18	106	164312	92.367	ug/l	95
69) o-Xylene	9.59	106	77940	46.885	ug/l	96
70) Styrene	9.60	104	126607	46.767	ug/l	99
71) Bromoform	9.78	173	23823	48.415	ug/l #	95
73) Isopropylbenzene	9.97	105	214034	45.533	ug/l	99
74) N-amyl acetate	9.84	43	53027	48.211	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.29	83	45710	47.289	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	49874	66.554	ug/l	78
77) Bromobenzene	10.26	156	49043	44.715	ug/l	96
78) n-propylbenzene	10.40	91	253778	45.632	ug/l	99
79) 2-Chlorotoluene	10.47	91	151356	45.155	ug/l	99
80) 1,3,5-Trimethylbenzene	10.59	105	180141	45.560	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.05	75	13536	51.459	ug/l	96
82) 4-Chlorotoluene	10.58	91	177893	44.768	ug/l	100
83) tert-Butylbenzene	10.91	119	175162	45.885	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	185638	45.738	ug/l	98
85) sec-Butylbenzene	11.14	105	229601	46.152	ug/l	100
86) p-Isopropyltoluene	11.29	119	201952	46.001	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	99637	44.858	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	100187	44.189	ug/l	98
89) n-Butylbenzene	11.70	91	194835	45.828	ug/l	99
90) Hexachloroethane	11.95	117	35361	45.537	ug/l	98
91) 1,2-Dichlorobenzene	11.69	146	91681	46.007	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.48	75	8612	53.365	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	63690	45.606	ug/l	99
94) Hexachlorobutadiene	13.50	225	36034	45.139	ug/l	99
95) Naphthalene	13.55	128	140440	50.201	ug/l	98
96) 1,2,3-Trichlorobenzene	13.80	180	57689	46.832	ug/l	100

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

