

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012159.D
 Acq On : 26 Aug 2019 09:10
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:03:33 AM

Quant Time: Aug 26 16:31:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	146864	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.88	113	121854	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.32	98	492046	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.61	95	170886	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	96772	61.159	ug/l	96
3) Chloromethane	2.21	50	134214	54.749	ug/l	99
4) Vinyl Chloride	2.36	62	172546	57.507	ug/l	97
5) Bromomethane	2.78	94	86478	56.910	ug/l	98
6) Chloroethane	2.92	64	95495	56.419	ug/l	98
7) Trichlorofluoromethane	3.26	101	95370	63.301	ug/l	98
8) Diethyl Ether	3.68	74	74644	52.196	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141925	55.419	ug/l	99
10) Methyl Iodide	4.27	142	193188	55.754	ug/l	100
11) Tert butyl alcohol	5.17	59	45828	249.287	ug/l	99
12) 1,1-Dichloroethene	4.04	96	143681	55.743	ug/l	96
13) Acrolein	3.89	56	46087	266.323	ug/l	99
14) Allyl chloride	4.67	41	308205	55.931	ug/l	100
15) Acrylonitrile	5.37	53	184232	259.912	ug/l	100
16) Acetone	4.12	43	224794	287.876	ug/l	98
17) Carbon Disulfide	4.38	76	460087	59.062	ug/l	99
18) Methyl Acetate	4.67	43	94709	48.968	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	221652	53.175	ug/l	97
20) Methylene Chloride	4.92	84	148139	50.182	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	151167	54.690	ug/l	99
22) Diisopropyl ether	6.31	45	545367	53.393	ug/l	100
23) Vinyl Acetate	6.25	43	1703825	271.052	ug/l	100
24) 1,1-Dichloroethane	6.21	63	300407	54.016	ug/l	100
25) 2-Butanone	7.16	43	285011	268.596	ug/l	99
26) 2,2-Dichloropropane	7.16	77	179743	57.100	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	158323	53.611	ug/l	98
28) Bromochloromethane	7.51	49	112698	46.493	ug/l	99
29) Tetrahydrofuran	7.53	42	166066	260.854	ug/l	99
30) Chloroform	7.68	83	269801	53.025	ug/l	97
31) Cyclohexane	7.96	56	286929	52.147	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	223016	55.406	ug/l	100
36) 1,1-Dichloropropene	8.08	75	231740	55.811	ug/l	99
37) Ethyl Acetate	7.25	43	117390	51.592	ug/l	99
38) Carbon Tetrachloride	8.07	117	203908	56.738	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	262464	56.266	ug/l	99
40) Benzene	8.32	78	621358	54.803	ug/l	99
41) Methacrylonitrile	7.48	41	69934	52.294	ug/l	99
42) 1,2-Dichloroethane	8.40	62	189004	53.189	ug/l	99
43) Isopropyl Acetate	8.42	43	219893	52.173	ug/l	99
44) Trichloroethene	9.09	130	151362	54.916	ug/l	95
45) 1,2-Dichloropropane	9.37	63	165383	54.199	ug/l	98
46) Dibromomethane	9.46	93	72384	53.315	ug/l	100
47) Bromodichloromethane	9.65	83	198338	54.891	ug/l	99
48) Methyl methacrylate	9.43	41	106419	53.051	ug/l	99
49) 1,4-Dioxane	9.45	88	21346	1027.032	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	564640	263.392	ug/l	100
52) Toluene	10.39	92	374281	54.951	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	204853	55.658	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	246745	55.522	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102620	53.423	ug/l	98
56) Ethyl methacrylate	10.65	69	150657	53.889	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192349	52.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	359439	250.512	ug/l	100
59) 2-Hexanone	10.97	43	428898	282.761	ug/l	99
60) Dibromochloromethane	11.13	129	117583	54.957	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96591	53.975	ug/l	98
64) Tetrachloroethene	10.86	164	122472	54.725	ug/l	97
65) Chlorobenzene	11.66	112	369610	54.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	129857	54.764	ug/l	98
67) Ethyl Benzene	11.73	91	722958	55.215	ug/l	100
68) m/p-Xylenes	11.84	106	527759	111.899	ug/l	98
69) o-Xylene	12.16	106	241745	55.380	ug/l	99
70) Styrene	12.18	104	420127	55.604	ug/l	99
71) Bromoform	12.35	173	64966	54.990	ug/l #	99
73) Isopropylbenzene	12.46	105	683097	55.184	ug/l	99
74) N-amyl acetate	12.27	43	199565	53.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	119606	52.705	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81088m	50.400	ug/l	
77) Bromobenzene	12.75	156	143970	53.761	ug/l	99
78) n-propylbenzene	12.80	91	842196	55.732	ug/l	99
79) 2-Chlorotoluene	12.89	91	466542	54.379	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	578135	55.894	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	42677	58.158	ug/l	98
82) 4-Chlorotoluene	12.99	91	494216	55.015	ug/l	100
83) tert-Butylbenzene	13.21	119	491424	56.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	573913	55.236	ug/l	100
85) sec-Butylbenzene	13.38	105	701052	55.849	ug/l	100
86) p-Isopropyltoluene	13.50	119	630580	56.250	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	287148	54.821	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	282245	54.268	ug/l	99
89) n-Butylbenzene	13.82	91	635948	57.046	ug/l	100
90) Hexachloroethane	14.09	117	111775	56.831	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	250092	54.426	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20098	52.534	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178775	56.299	ug/l	99
94) Hexachlorobutadiene	15.24	225	119445	56.967	ug/l	98
95) Naphthalene	15.36	128	318100	50.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	157485	56.843	ug/l	99

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

