

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015333.D
 Acq On : 24 Apr 2020 10:37
 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

apatel
 4/27/2020 2:28:06 PM

Quant Time: Apr 25 06:54:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	91995	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	7.88	113	94476	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.32	98	378007	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
62) 4-Bromofluorobenzene	12.62	95	146122	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	89016	45.160	ug/l	98
3) Chloromethane	2.21	50	93578	43.595	ug/l	99
4) Vinyl Chloride	2.36	62	113453	44.759	ug/l	99
5) Bromomethane	2.76	94	88894	49.324	ug/l	95
6) Chloroethane	2.92	64	67805	43.125	ug/l	97
7) Trichlorofluoromethane	3.26	101	167756	46.770	ug/l	97
8) Diethyl Ether	3.69	74	44523	44.223	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	102642	46.404	ug/l	91
10) Methyl Iodide	4.28	142	106514	45.847	ug/l	98
11) Tert butyl alcohol	5.17	59	34919	209.864	ug/l	99
12) 1,1-Dichloroethene	4.04	96	97823	45.947	ug/l	91
13) Acrolein	3.90	56	19942	228.988	ug/l	98
14) Allyl chloride	4.67	41	121920	43.167	ug/l #	84
15) Acrylonitrile	5.37	53	83067	216.808	ug/l	98
16) Acetone	4.13	43	87775	246.203	ug/l	97
17) Carbon Disulfide	4.38	76	274986	43.463	ug/l	99
18) Methyl Acetate	4.68	43	39216	41.556	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	221398	45.300	ug/l	95
20) Methylene Chloride	4.92	84	100533	43.027	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	112209	46.471	ug/l	94
22) Diisopropyl ether	6.32	45	246682	45.527	ug/l	96
23) Vinyl Acetate	6.26	43	710138	223.342	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	175067	46.620	ug/l	99
25) 2-Butanone	7.17	43	112441	237.719	ug/l #	86
26) 2,2-Dichloropropane	7.16	77	182168	46.112	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	123471	47.365	ug/l	98
28) Bromochloromethane	7.51	49	63259	46.333	ug/l #	71
29) Tetrahydrofuran	7.53	42	64905	220.251	ug/l	88
30) Chloroform	7.68	83	192455	47.486	ug/l	98
31) Cyclohexane	7.95	56	159237	42.186	ug/l	88
32) 1,1,1-Trichloroethane	7.87	97	185589	47.446	ug/l	99
36) 1,1-Dichloropropene	8.08	75	152301	48.458	ug/l	98
37) Ethyl Acetate	7.26	43	46108	45.204	ug/l	98
38) Carbon Tetrachloride	8.07	117	168774	49.140	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191538	45.788	ug/l	94
40) Benzene	8.32	78	401314	47.801	ug/l	97
41) Methacrylonitrile	7.49	41	30357	49.602	ug/l	98
42) 1,2-Dichloroethane	8.40	62	118331	47.878	ug/l	99
43) Isopropyl Acetate	8.42	43	96230	44.982	ug/l	94
44) Trichloroethene	9.09	130	130090	50.658	ug/l	95
45) 1,2-Dichloropropane	9.37	63	93542	47.912	ug/l	98
46) Dibromomethane	9.46	93	54518	48.273	ug/l #	88
47) Bromodichloromethane	9.65	83	145907	48.328	ug/l	99
48) Methyl methacrylate	9.43	41	43028	42.547	ug/l #	80
49) 1,4-Dioxane	9.45	88	15839	1052.011	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	227452	226.490	ug/l	97
52) Toluene	10.38	92	285432	48.578	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	140639	47.243	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	166748	48.190	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	75959	48.032	ug/l	99
56) Ethyl methacrylate	10.65	69	92749	45.526	ug/l	93
57) 1,3-Dichloropropane	10.93	76	125914	48.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	230073	243.588	ug/l #	89
59) 2-Hexanone	10.96	43	171485	239.214	ug/l	97
60) Dibromochloromethane	11.13	129	103717	49.672	ug/l	100
61) 1,2-Dibromoethane	11.23	107	73091	47.366	ug/l	97
64) Tetrachloroethene	10.86	164	116434	50.106	ug/l	93
65) Chlorobenzene	11.66	112	311952	48.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	115011	50.086	ug/l	98
67) Ethyl Benzene	11.73	91	578420	48.547	ug/l	100
68) m/p-Xylenes	11.83	106	460620	98.629	ug/l	99
69) o-Xylene	12.16	106	214753	49.265	ug/l	99
70) Styrene	12.18	104	366714	49.352	ug/l	99
71) Bromoform	12.35	173	63359	48.969	ug/l	98
73) Isopropylbenzene	12.46	105	600741	48.775	ug/l	100
74) N-amyl acetate	12.27	43	94874	44.277	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	79287	45.340	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61721m	44.913	ug/l	
77) Bromobenzene	12.74	156	141698	50.075	ug/l	81
78) n-propylbenzene	12.80	91	687089	47.913	ug/l	95
79) 2-Chlorotoluene	12.89	91	394407	48.803	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	515686	48.605	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28075	44.659	ug/l	94
82) 4-Chlorotoluene	12.99	91	415962	48.477	ug/l	97
83) tert-Butylbenzene	13.21	119	456111	49.187	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	513789	49.098	ug/l	100
85) sec-Butylbenzene	13.38	105	615975	48.098	ug/l	97
86) p-Isopropyltoluene	13.50	119	581113	48.833	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	278553	49.543	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	276997	50.259	ug/l	97
89) n-Butylbenzene	13.82	91	515928	47.434	ug/l	97
90) Hexachloroethane	14.09	117	105075	48.148	ug/l	73
91) 1,2-Dichlorobenzene	13.87	146	246723	50.498	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14451	45.664	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	164968	48.577	ug/l	96
94) Hexachlorobutadiene	15.23	225	109954	48.564	ug/l	95
95) Naphthalene	15.36	128	266100	48.711	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	139430	50.462	ug/l	97

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

