

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015276.D
 Acq On : 21 Apr 2020 21:20
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:41:57 AM

Quant Time: Apr 22 07:43:28 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	212658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	85256	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.88	113	87064	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.32	98	356212	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	142529	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	80038	47.660	ug/l	97
3) Chloromethane	2.21	50	90564	49.522	ug/l	98
4) Vinyl Chloride	2.36	62	106046	49.106	ug/l	99
5) Bromomethane	2.76	94	83782	54.565	ug/l	90
6) Chloroethane	2.92	64	65783	49.109	ug/l	100
7) Trichlorofluoromethane	3.26	101	140886	46.104	ug/l	98
8) Diethyl Ether	3.69	74	42658	49.733	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88393	46.906	ug/l	91
10) Methyl Iodide	4.28	142	109966	55.558	ug/l	97
11) Tert butyl alcohol	5.17	59	30621	216.010	ug/l	97
12) 1,1-Dichloroethene	4.04	96	85948	47.384	ug/l	94
13) Acrolein	3.90	56	20678	278.697	ug/l	100
14) Allyl chloride	4.67	41	110100	45.755	ug/l #	85
15) Acrylonitrile	5.37	53	80200	245.697	ug/l	99
16) Acetone	4.13	43	60156m	198.052	ug/l	
17) Carbon Disulfide	4.39	76	255166	47.338	ug/l	99
18) Methyl Acetate	4.67	43	37138	46.192	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	210318	50.510	ug/l	96
20) Methylene Chloride	4.92	84	95979	48.215	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	100565	48.886	ug/l	93
22) Diisopropyl ether	6.32	45	231013	50.044	ug/l #	94
23) Vinyl Acetate	6.26	43	664429	245.275	ug/l	95
24) 1,1-Dichloroethane	6.22	63	157091	49.102	ug/l	98
25) 2-Butanone	7.17	43	92693	230.019	ug/l	93
26) 2,2-Dichloropropane	7.17	77	146730	43.595	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	112139	50.493	ug/l	97
28) Bromochloromethane	7.51	49	56203	48.318	ug/l #	70
29) Tetrahydrofuran	7.53	42	60874	242.465	ug/l #	87
30) Chloroform	7.68	83	173746	50.319	ug/l	99
31) Cyclohexane	7.95	56	136176	42.345	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	159148	47.756	ug/l	99
36) 1,1-Dichloropropene	8.09	75	130260	46.511	ug/l	98
37) Ethyl Acetate	7.26	43	43360	47.705	ug/l #	97
38) Carbon Tetrachloride	8.07	117	142625	46.601	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170496	45.738	ug/l	94
40) Benzene	8.32	78	371240	49.623	ug/l	96
41) Methacrylonitrile	7.48	41	24440	44.814	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	109761	49.837	ug/l	100
43) Isopropyl Acetate	8.42	43	91590	48.045	ug/l	94
44) Trichloroethene	9.09	130	117968	51.551	ug/l	88
45) 1,2-Dichloropropane	9.37	63	86379	49.650	ug/l	100
46) Dibromomethane	9.46	93	50879	50.556	ug/l #	85
47) Bromodichloromethane	9.65	83	133020	49.444	ug/l	99
48) Methyl methacrylate	9.43	41	42206	46.834	ug/l #	79
49) 1,4-Dioxane	9.45	88	14636	1090.908	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	220910	246.859	ug/l	97
52) Toluene	10.38	92	265382	50.686	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	130520	49.202	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	152784	49.551	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	72762	51.633	ug/l	95
56) Ethyl methacrylate	10.65	69	91732	50.529	ug/l	92
57) 1,3-Dichloropropane	10.93	76	118808	50.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	203853	242.204	ug/l #	88
59) 2-Hexanone	10.96	43	152405	238.580	ug/l	97
60) Dibromochloromethane	11.13	129	96286	51.749	ug/l	98
61) 1,2-Dibromoethane	11.24	107	71000	51.634	ug/l	99
64) Tetrachloroethene	10.86	164	107383	51.013	ug/l	95
65) Chlorobenzene	11.66	112	298791	51.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108920	52.362	ug/l	97
67) Ethyl Benzene	11.73	91	535072	49.575	ug/l	99
68) m/p-Xylenes	11.84	106	430228	101.693	ug/l	99
69) o-Xylene	12.16	106	204725	51.844	ug/l	97
70) Styrene	12.18	104	355548	52.821	ug/l	99
71) Bromoform	12.35	173	61528	52.495	ug/l #	98
73) Isopropylbenzene	12.46	105	569662	48.029	ug/l	99
74) N-amyl acetate	12.27	43	96431	46.733	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.71	83	78894	46.849	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61970m	46.827	ug/l	
77) Bromobenzene	12.75	156	139000	51.009	ug/l	81
78) n-propylbenzene	12.80	91	652096	47.220	ug/l	96
79) 2-Chlorotoluene	12.89	91	380032	48.831	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	494514	48.401	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27028	44.646	ug/l	92
82) 4-Chlorotoluene	12.99	91	401065	48.537	ug/l	97
83) tert-Butylbenzene	13.21	119	432275	48.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	496760	49.295	ug/l	99
85) sec-Butylbenzene	13.38	105	588291	47.702	ug/l	97
86) p-Isopropyltoluene	13.50	119	564269	49.240	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	272594	50.347	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	269368	50.753	ug/l	97
89) n-Butylbenzene	13.82	91	493474	47.113	ug/l	97
90) Hexachloroethane	14.09	117	101167	48.139	ug/l	71
91) 1,2-Dichlorobenzene	13.87	146	242285	51.496	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15435	50.648	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	171943	52.577	ug/l	98
94) Hexachlorobutadiene	15.23	225	112714	51.696	ug/l	98
95) Naphthalene	15.36	128	273426	51.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	143309	53.860	ug/l	98

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

