

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
 Data File : VW018367.D
 Acq On : 18 Mar 2021 14:03
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 3/19/2021 3:32:49 PM

Quant Time: Mar 18 16:43:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:51:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.945	168	371125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	628979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	567844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	285862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	186829	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	7.878	113	168212	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	10.323	98	670012	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.615	95	254924	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	137532	52.11	ug/l	97
3) Chloromethane	2.215	50	214664	52.57	ug/l	99
4) Vinyl Chloride	2.367	62	273067	69.18	ug/l	96
5) Bromomethane	2.782	94	190404	59.13	ug/l	96
6) Chloroethane	2.928	64	176288	57.09	ug/l	100
7) Trichlorofluoromethane	3.257	101	158572	51.71	ug/l	93
8) Diethyl Ether	3.684	74	91279	49.30	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	180063	51.95	ug/l	98
10) Methyl Iodide	4.269	142	268705	52.73	ug/l	97
11) Tert butyl alcohol	5.208	59	46070	191.01	ug/l	96
12) 1,1-Dichloroethene	4.037	96	186469	52.27	ug/l	89
13) Acrolein	3.897	56	33214	209.69	ug/l	99
14) Allyl chloride	4.665	41	247430	50.90	ug/l	96
15) Acrylonitrile	5.367	53	172651	235.55	ug/l	100
16) Acetone	4.141	43	133772	225.82	ug/l	95
17) Carbon Disulfide	4.385	76	523646	55.92	ug/l	96
18) Methyl Acetate	4.672	43	72747	46.77	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	260251	48.61	ug/l	97
20) Methylene Chloride	4.915	84	212830	55.76	ug/l	92
21) trans-1,2-Dichloroethene	5.421	96	213426	50.86	ug/l	89
22) Diisopropyl ether	6.305	45	513185	51.39	ug/l	97
23) Vinyl Acetate	6.250	43	1556342	251.93	ug/l	98
24) 1,1-Dichloroethane	6.214	63	374334	52.29	ug/l	99
25) 2-Butanone	7.171	43	201916	230.05	ug/l	95
26) 2,2-Dichloropropane	7.165	77	245988	53.44	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	236853	51.79	ug/l	94
28) Bromochloromethane	7.506	49	130647	46.71	ug/l	90
29) Tetrahydrofuran	7.531	42	128369	225.37	ug/l	97
30) Chloroform	7.677	83	392040	51.94	ug/l	98
31) Cyclohexane	7.951	56	336639	49.60	ug/l	93
32) 1,1,1-Trichloroethane	7.872	97	328403	53.49	ug/l	98
36) 1,1-Dichloropropene	8.079	75	317444	51.09	ug/l	100
37) Ethyl Acetate	7.250	43	98409	45.29	ug/l	97
38) Carbon Tetrachloride	8.067	117	318971	54.92	ug/l	93
39) Methylcyclohexane	9.335	83	400579	50.91	ug/l	98
40) Benzene	8.323	78	839414	50.46	ug/l	100

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41) Methacrylonitrile	7.482	41	59167	50.33	ug/l	98
42) 1,2-Dichloroethane	8.396	62	265860	50.88	ug/l	99
43) Isopropyl Acetate	8.421	43	203272	46.60	ug/l	98
44) Trichloroethene	9.091	130	232956	51.99	ug/l	99
45) 1,2-Dichloropropane	9.366	63	204265	50.82	ug/l	95
46) Dibromomethane	9.457	93	114873	51.17	ug/l	100
47) Bromodichloromethane	9.640	83	300289	51.42	ug/l	95
48) Methyl methacrylate	9.433	41	95830	46.33	ug/l	96
49) 1,4-Dioxane	9.476	88	27310	838.42	ug/l #	75
51) 4-Methyl-2-Pentanone	10.207	43	497076	233.35	ug/l	98
52) Toluene	10.384	92	566968	51.67	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	301007	50.60	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	347340	51.17	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	153960	50.68	ug/l	99
56) Ethyl methacrylate	10.646	69	191181	48.38	ug/l	95
57) 1,3-Dichloropropane	10.933	76	270054	49.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	473153	235.99	ug/l	94
59) 2-Hexanone	10.969	43	338403	230.75	ug/l	97
60) Dibromochloromethane	11.128	129	188549	50.39	ug/l	96
61) 1,2-Dibromoethane	11.231	107	151256	50.67	ug/l	97
64) Tetrachloroethene	10.859	164	189233	52.24	ug/l #	86
65) Chlorobenzene	11.658	112	590507	51.50	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	214876	53.08	ug/l	99
67) Ethyl Benzene	11.731	91	1141689	52.62	ug/l	100
68) m/p-Xylenes	11.835	106	863271	104.87	ug/l	98
69) o-Xylene	12.164	106	397131	51.56	ug/l	98
70) Styrene	12.176	104	659218	51.20	ug/l	99
71) Bromoform	12.347	173	99663	48.29	ug/l #	95
73) Isopropylbenzene	12.463	105	1116776	51.86	ug/l	99
74) N-amyl acetate	12.268	43	198320	46.80	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	173370	49.34	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	112236m	42.70	ug/l	
77) Bromobenzene	12.749	156	230892	50.08	ug/l	97
78) n-propylbenzene	12.804	91	1336835	52.07	ug/l	100
79) 2-Chlorotoluene	12.890	91	756669	51.45	ug/l	95
80) 1,3,5-Trimethylbenzene	12.938	105	958329	51.61	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	58814	48.98	ug/l	91
82) 4-Chlorotoluene	12.987	91	805521	51.96	ug/l	98
83) tert-Butylbenzene	13.207	119	820895	52.13	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	948139	50.98	ug/l	96
85) sec-Butylbenzene	13.383	105	1156549	52.13	ug/l	99
86) p-Isopropyltoluene	13.493	119	1039133	52.14	ug/l	98
87) 1,3-Dichlorobenzene	13.493	146	473362	50.88	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	463074	49.91	ug/l	97
89) n-Butylbenzene	13.822	91	1038172	52.51	ug/l	98
90) Hexachloroethane	14.091	117	191988	52.43	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	424678	51.82	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	31141	47.82	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	294194	50.70	ug/l	93
94) Hexachlorobutadiene	15.237	225	176482	53.70	ug/l	89
95) Naphthalene	15.365	128	536989	50.15	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	253715	52.56	ug/l	95

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

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