

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020176.D
 Acq On : 24 Sep 2021 04:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Sep 24 05:02:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	353447	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	332017	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	174330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	127392	17.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.480%
7) Chloroethane-d5	2.898	69	104014	19.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	4.038	63	235312	20.785	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.120%
21) 2-Butanone-d5	7.080	46	58912	52.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.600%
24) Chloroform-d	7.653	84	255862	23.018	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	8.311	65	136766	22.861	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.440%
32) Benzene-d6	8.281	84	475273	22.437	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.760%
36) 1,2-Dichloropropane-d6	9.281	67	141644	23.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.440%
41) Toluene-d8	10.329	98	429519	22.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	10.579	79	59550	22.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.920%
47) 2-Hexanone-d5	10.927	63	46118	54.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	116521	24.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	141392	21.630	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	72747	23.499	ug/L	100
3) Chloromethane	2.221	50	107092	25.017	ug/L	100
5) Vinyl chloride	2.373	62	161380	24.008	ug/L	97
6) Bromomethane	2.794	94	102363	23.556	ug/L	96
8) Chloroethane	2.934	64	98747	24.293	ug/L	99
9) Trichlorofluoromethane	3.269	101	109675	23.191	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	127987	24.755	ug/L	97
12) 1,1-Dichloroethene	4.050	96	118823	25.350	ug/L	90
13) Acetone	4.129	43	44414	46.476	ug/L	100
14) Carbon disulfide	4.391	76	376875	25.567	ug/L	99
15) Methyl Acetate	4.678	43	51867	28.382	ug/L	99
16) Methylene chloride	4.928	84	143064	22.939	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	127865	25.894	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	164556	28.072	ug/L	100
19) 1,1-Dichloroethane	6.220	63	242751	26.653	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	135351	26.952	ug/L	95
22) 2-Butanone	7.171	43	65148	52.547	ug/L	100
23) Bromochloromethane	7.519	128	60088	26.395	ug/L	96
25) Chloroform	7.683	83	254743	26.747	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	171906	27.427	ug/L	98
29) Cyclohexane	7.964	56	194552	26.334	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	207712	25.247	ug/L	100
31) Carbon tetrachloride	8.073	117	189910	25.370	ug/L	99
33) Benzene	8.330	78	543649	27.132	ug/L	100
34) Trichloroethene	9.092	95	139490	26.005	ug/L	97
35) Methylcyclohexane	9.342	83	224466	25.683	ug/L	99
37) 1,2-Dichloropropane	9.372	63	133123	26.823	ug/L	99
38) Bromodichloromethane	9.646	83	178340	26.535	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	191903	26.216	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	147178	58.881	ug/L	99
42) Toluene	10.390	91	587041	27.576	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	173806	26.433	ug/L	100
45) 1,1,2-Trichloroethane	10.793	97	98960	27.193	ug/L	98
46) Tetrachloroethene	10.866	164	104033	25.092	ug/L	94
48) 2-Hexanone	10.969	43	101778	58.453	ug/L	100
49) Dibromochloromethane	11.128	129	112731	26.510	ug/L	97
50) 1,2-Dibromoethane	11.238	107	92817	27.101	ug/L	97
51) Chlorobenzene	11.658	112	360344	26.026	ug/L	98
52) Ethylbenzene	11.731	91	635476	27.102	ug/L	99
53) m,p-Xylene	11.841	106	242751	27.156	ug/L	99
54) o-Xylene	12.164	106	226791	27.426	ug/L	99
55) Styrene	12.183	104	403618	28.090	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	118270	27.209	ug/L	97
59) Bromoform	12.347	173	60323	25.379	ug/L	98
60) Isopropylbenzene	12.463	105	611829	26.175	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	88536	26.896	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	513481	26.767	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	513384	27.243	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	267789	24.981	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	272018	24.555	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	241410	24.727	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.487	75	19344	26.178	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	174791	23.575	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	137340	24.002	ug/L	93
71) Naphthalene	15.365	128	286885	28.427	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	128041	24.851	ug/L	98

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

