

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091621\
 Data File : VW020048.D
 Acq On : 16 Sep 2021 19:38
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Sep 17 01:08:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 16 00:47:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	303305	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	290941	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	154831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	122803	24.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.320%
7) Chloroethane-d5	2.898	69	104304	24.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
11) 1,1-Dichloroethene-d2	4.032	63	197233	24.154	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.600%
21) 2-Butanone-d5	7.080	46	46090	33.726	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.460%
24) Chloroform-d	7.653	84	214806	25.703	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	8.305	65	118218	24.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.040%
32) Benzene-d6	8.275	84	413527	26.051	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	9.274	67	120296	25.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.200%
41) Toluene-d8	10.323	98	381399	25.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.520%
43) trans-1,3-Dichloroprop...	10.579	79	52821	24.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.560%
47) 2-Hexanone-d5	10.927	63	36591	38.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.080%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	101030	21.811	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	133315	25.266	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	79194	25.182	ug/L	99
3) Chloromethane	2.221	50	93503	22.078	ug/L	100
5) Vinyl chloride	2.373	62	163173	24.627	ug/L	98
6) Bromomethane	2.794	94	108501	23.367	ug/L	98
8) Chloroethane	2.934	64	99386	24.591	ug/L	99
9) Trichlorofluoromethane	3.263	101	88105	22.794	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	114790	26.398	ug/L	96
12) 1,1-Dichloroethene	4.050	96	103967	25.258	ug/L	92
13) Acetone	4.123	43	36532	28.148	ug/L	91
14) Carbon disulfide	4.397	76	342230	25.461	ug/L	100
15) Methyl Acetate	4.672	43	40660	17.963	ug/L	100
16) Methylene chloride	4.922	84	122104	22.847	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	110635	25.512	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	128786	23.780	ug/L	99
19) 1,1-Dichloroethane	6.226	63	200431	25.838	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	115519	25.798	ug/L	99
22) 2-Butanone	7.177	43	53843	33.103	ug/L	96
23) Bromochloromethane	7.519	128	53749	25.924	ug/L	96
25) Chloroform	7.677	83	210769	25.866	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	143114	25.103	ug/L	100
29) Cyclohexane	7.964	56	174216	26.597	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	176441	25.875	ug/L	99
31) Carbon tetrachloride	8.073	117	165247	25.976	ug/L	98
33) Benzene	8.329	78	463031	26.438	ug/L	100
34) Trichloroethene	9.098	95	118895	25.638	ug/L	93
35) Methylcyclohexane	9.342	83	208840	26.706	ug/L	98
37) 1,2-Dichloropropane	9.372	63	113374	26.741	ug/L	99
38) Bromodichloromethane	9.646	83	152290	26.629	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	169246	26.447	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	116984	38.682	ug/L	100
42) Toluene	10.390	91	511213	27.361	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	155110	25.598	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	82310	24.273	ug/L	97
46) Tetrachloroethene	10.866	164	95400	26.587	ug/L	98
48) 2-Hexanone	10.969	43	82818	38.203	ug/L	99
49) Dibromochloromethane	11.128	129	98679	25.324	ug/L	96
50) 1,2-Dibromoethane	11.238	107	76459	22.926	ug/L	97
51) Chlorobenzene	11.658	112	316872	26.159	ug/L	99
52) Ethylbenzene	11.731	91	557404	27.315	ug/L	97
53) m,p-Xylene	11.841	106	216605	27.899	ug/L	99
54) o-Xylene	12.164	106	198804	27.133	ug/L	96
55) Styrene	12.182	104	356926	28.332	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	96593	21.736	ug/L	99
59) Bromoform	12.347	173	51045	21.784	ug/L	95
60) Isopropylbenzene	12.463	105	561230	27.329	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	72318	19.974	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	467680	27.994	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	469115	28.597	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	246531	26.106	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	251150	26.095	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	222051	25.802	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	16214	18.562	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	170996	26.179	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	133836	26.166	ug/L	99
71) Naphthalene	15.365	128	242978	22.230	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	125942	26.232	ug/L	95

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

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