

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020797.D
 Acq On : 05 Nov 2021 22:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Nov 20 03:11:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 20 02:58:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	124292	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	114582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	64272	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27023	23.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.480%
7) Chloroethane-d5	2.879	69	16883	25.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.480%
11) 1,1-Dichloroethene-d2	4.025	63	54722	22.309	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.240%
21) 2-Butanone-d5	7.080	46	23163	59.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.360%
24) Chloroform-d	7.653	84	65439	23.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	8.305	65	36120	24.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.275	84	116301	22.465	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	9.274	67	37083	23.136	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.560%
41) Toluene-d8	10.323	98	113649	22.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.280%
43) trans-1,3-Dichloroprop...	10.579	79	18409	23.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.640%
47) 2-Hexanone-d5	10.927	63	19224	59.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37749	28.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	48168	23.847	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	18112	35.737	ug/L	100
3) Chloromethane	2.215	50	33638	25.365	ug/L	99
5) Vinyl chloride	2.361	62	50425	26.362	ug/L	98
6) Bromomethane	2.776	94	26155	26.421	ug/L	95
8) Chloroethane	2.916	64	19280	27.412	ug/L	98
9) Trichlorofluoromethane	3.257	101	21663	21.353	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41923	25.125	ug/L	92
12) 1,1-Dichloroethene	4.044	96	38791	24.394	ug/L	77
13) Acetone	4.123	43	15472	43.385	ug/L	88
14) Carbon disulfide	4.385	76	115285	24.018	ug/L	99
15) Methyl Acetate	4.672	43	19344	28.585	ug/L	96
16) Methylene chloride	4.915	84	39312	21.359	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	41590	24.605	ug/L	87
18) Methyl tert-butyl Ether	5.428	73	61877	25.870	ug/L	96
19) 1,1-Dichloroethane	6.214	63	71315	24.360	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	45527	25.550	ug/L	79
22) 2-Butanone	7.171	43	26540	55.429	ug/L	93
23) Bromochloromethane	7.513	128	20823	25.324	ug/L	# 74
25) Chloroform	7.677	83	75634	24.816	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	50636	25.665	ug/L	97
29) Cyclohexane	7.958	56	71391	23.881	ug/L	91
30) 1,1,1-Trichloroethane	7.872	97	65476	24.046	ug/L	95
31) Carbon tetrachloride	8.067	117	63424	24.477	ug/L	100
33) Benzene	8.323	78	163965	23.894	ug/L	100
34) Trichloroethene	9.091	95	44138	24.164	ug/L	96
35) Methylcyclohexane	9.335	83	78625	24.666	ug/L	90
37) 1,2-Dichloropropane	9.366	63	39538	24.335	ug/L #	97
38) Bromodichloromethane	9.646	83	57138	25.123	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	67258	25.437	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	60937	57.388	ug/L #	95
42) Toluene	10.390	91	185691	25.164	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	60091	25.124	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	31592	26.201	ug/L	98
46) Tetrachloroethene	10.859	164	39514	24.118	ug/L	96
48) 2-Hexanone	10.969	43	43611	56.246	ug/L #	97
49) Dibromochloromethane	11.128	129	41082	24.950	ug/L	99
50) 1,2-Dibromoethane	11.237	107	33493	27.395	ug/L #	100
51) Chlorobenzene	11.658	112	116918	24.564	ug/L	93
52) Ethylbenzene	11.731	91	207458	25.092	ug/L	98
53) m,p-Xylene	11.835	106	82503	24.906	ug/L	94
54) o-Xylene	12.164	106	81006	25.815	ug/L	86
55) Styrene	12.182	104	134126	25.143	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	40294	28.513	ug/L	98
59) Bromoform	12.347	173	27824	25.594	ug/L	99
60) Isopropylbenzene	12.463	105	217771	24.583	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	29775	28.033	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	186578	24.510	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	186136	24.615	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	100306	24.422	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	98408	24.052	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	92700	25.550	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	7750	29.849	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	75663	23.208	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	65956	24.268	ug/L	94
71) Naphthalene	15.365	128	129529	28.196	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	57890	25.065	ug/L	98

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

