

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024271.D
 Acq On : 18 Aug 2022 12:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 21:04:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	269188	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	262243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	143291	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	117113	20.814	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.240%		
7) Chloroethane-d5	2.873	69	85083	24.274	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.080%		
11) 1,1-Dichloroethene-d2	4.007	63	149178	23.264	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.040%		
21) 2-Butanone-d5	7.073	46	46416	44.340	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.680%		
24) Chloroform-d	7.640	84	202756	24.893	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.560%		
26) 1,2-Dichloroethane-d4	8.299	65	108559	24.007	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.040%		
32) Benzene-d6	8.268	84	372028	24.054	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.200%		
36) 1,2-Dichloropropane-d6	9.268	67	109979	24.084	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.320%		
41) Toluene-d8	10.317	98	344264	23.815	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.240%		
43) trans-1,3-Dichloroprop...	10.573	79	46175	23.086	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.360%		
47) 2-Hexanone-d5	10.920	63	37539	44.507	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.020%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	100510	22.686	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.760%		
66) 1,2-Dichlorobenzene-d4	13.847	152	130774	24.940	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	35787	15.111	ug/L	98
3) Chloromethane	2.208	50	90399	20.353	ug/L	98
5) Vinyl chloride	2.355	62	149072	24.110	ug/L	100
6) Bromomethane	2.763	94	97040	27.373	ug/L	93
8) Chloroethane	2.903	64	70630	26.079	ug/L	97
9) Trichlorofluoromethane	3.239	101	66550	22.706	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	102697	25.980	ug/L	97
12) 1,1-Dichloroethene	4.025	96	82574	25.516	ug/L	92
13) Acetone	4.123	43	35414m	45.950	ug/L	
14) Carbon disulfide	4.373	76	213325	20.600	ug/L	98
15) Methyl Acetate	4.671	43	36983	21.304	ug/L	95
16) Methylene chloride	4.903	84	105959	22.321	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	96914	25.932	ug/L	93
18) Methyl tert-butyl Ether	5.421	73	151455	28.420	ug/L	98
19) 1,1-Dichloroethane	6.208	63	174460	26.501	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	103375	25.187	ug/L #	96
22) 2-Butanone	7.171	43	54881	42.258	ug/L	98
23) Bromochloromethane	7.506	128	50114	24.517	ug/L	95
25) Chloroform	7.671	83	198570	27.373	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	126404	25.895	ug/L	97
29) Cyclohexane	7.951	56	139785	26.000	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	164481	27.812	ug/L	100
31) Carbon tetrachloride	8.067	117	146900	26.330	ug/L	99
33) Benzene	8.317	78	408475	26.373	ug/L	100
34) Trichloroethene	9.085	95	106983	26.132	ug/L	95
35) Methylcyclohexane	9.329	83	170811	26.607	ug/L	99
37) 1,2-Dichloropropane	9.366	63	101422	26.490	ug/L	99
38) Bromodichloromethane	9.640	83	141726	26.392	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	152364	27.049	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	115177	45.327	ug/L	99
42) Toluene	10.384	91	454051	27.587	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	136950	26.608	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	80127	24.830	ug/L	99
46) Tetrachloroethene	10.859	164	83995	25.343	ug/L	94
48) 2-Hexanone	10.963	43	83532	48.439	ug/L	97
49) Dibromochloromethane	11.128	129	102375	26.351	ug/L	94
50) 1,2-Dibromoethane	11.231	107	74472	24.087	ug/L	96
51) Chlorobenzene	11.652	112	292695	26.028	ug/L	91
52) Ethylbenzene	11.725	91	508581	28.203	ug/L	100
53) m,p-Xylene	11.835	106	194060	27.646	ug/L	99
54) o-Xylene	12.164	106	186079	28.060	ug/L	90
55) Styrene	12.176	104	331083	28.706	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	96385	23.899	ug/L	96
59) Bromoform	12.347	173	56178	25.703	ug/L	95
60) Isopropylbenzene	12.463	105	515709	29.730	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	69306	24.304	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	439460	30.657	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	430142	30.469	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	230170	27.097	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	245727	27.319	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	217631	26.981	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.475	75	14969	22.467	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	162342	29.147	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	125925	28.231	ug/L	98
71) Naphthalene	15.359	128	239996	27.623	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	119764	29.491	ug/L	98

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

