

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023939.D
 Acq On : 20 Jul 2022 15:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Jul 20 23:09:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 06:30:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284138	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	278718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	157074	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	151011	20.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.879	69	111734	23.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.320%
11) 1,1-Dichloroethene-d2	4.013	63	148327	25.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.400%
21) 2-Butanone-d5	7.080	46	54165	48.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.240%
24) Chloroform-d	7.647	84	207226	25.050	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	8.305	65	110294	21.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	8.275	84	383256	26.452	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	9.275	67	113780	26.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	10.323	98	361941	24.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.520%
43) trans-1,3-Dichloroprop...	10.573	79	49390	24.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.560%
47) 2-Hexanone-d5	10.921	63	48922	53.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119854	24.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	138042	24.619	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	67557m	34.987	ug/L	
3) Chloromethane	2.215	50	121888	25.777	ug/L	99
5) Vinyl chloride	2.355	62	179709	22.132	ug/L	99
6) Bromomethane	2.764	94	87171	16.598	ug/L	93
8) Chloroethane	2.916	64	89427	23.541	ug/L	95
9) Trichlorofluoromethane	3.245	101	90116	24.416	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	98293	27.212	ug/L	99
12) 1,1-Dichloroethene	4.038	96	79070	26.252	ug/L	87
13) Acetone	4.123	43	35453	44.547	ug/L	78
14) Carbon disulfide	4.379	76	204985	23.136	ug/L	99
15) Methyl Acetate	4.678	43	42091m	23.631	ug/L	
16) Methylene chloride	4.916	84	105240	23.686	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	90671	24.811	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	137552	24.330	ug/L	98
19) 1,1-Dichloroethane	6.214	63	177777	26.373	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	104838	25.895	ug/L #	90
22) 2-Butanone	7.171	43	57269	43.787	ug/L	99
23) Bromochloromethane	7.513	128	50458	25.944	ug/L	96
25) Chloroform	7.677	83	199940	25.746	ug/L	93

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27) 1,2-Dichloroethane	8.397	62	132093	23.111	ug/L	99
29) Cyclohexane	7.958	56	133743	26.237	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	165493	27.423	ug/L	99
31) Carbon tetrachloride	8.067	117	150265	27.622	ug/L	99
33) Benzene	8.323	78	417218	26.342	ug/L	100
34) Trichloroethene	9.092	95	107669	25.743	ug/L	97
35) Methylcyclohexane	9.335	83	166818	26.193	ug/L	96
37) 1,2-Dichloropropane	9.366	63	108243	27.259	ug/L	99
38) Bromodichloromethane	9.646	83	150008	27.067	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	161187	26.932	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	136414	49.368	ug/L	96
42) Toluene	10.384	91	480463	26.599	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	149541	26.288	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	89115	25.666	ug/L	98
46) Tetrachloroethene	10.860	164	84390	26.094	ug/L	100
48) 2-Hexanone	10.969	43	102964	51.180	ug/L	96
49) Dibromochloromethane	11.128	129	107227	26.630	ug/L	92
50) 1,2-Dibromoethane	11.238	107	84955	25.468	ug/L	98
51) Chlorobenzene	11.652	112	319734	26.245	ug/L	96
52) Ethylbenzene	11.731	91	534161	26.023	ug/L	99
53) m,p-Xylene	11.835	106	212496	26.533	ug/L	95
54) o-Xylene	12.164	106	205809	26.759	ug/L	95
55) Styrene	12.176	104	362123	26.651	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	118146	24.947	ug/L	97
59) Bromoform	12.347	173	59826	25.830	ug/L	96
60) Isopropylbenzene	12.463	105	566389	26.843	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84222	24.453	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	473372	27.403	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	466431	27.007	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	258833	27.018	ug/L	90
65) 1,4-Dichlorobenzene	13.573	146	262259	25.732	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	239313	26.487	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17745	22.338	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	167724	26.451	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	132352	27.031	ug/L	99
71) Naphthalene	15.359	128	279499	26.611	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	125743	27.552	ug/L	98

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

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