

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120723\
 Data File : VW027576.D
 Acq On : 07 Dec 2023 15:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: Dec 08 05:11:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 08 05:09:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

12/11/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	282162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	239273	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120300	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.375	65	121043	21.317	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
7) Chloroethane-d5	2.911	69	91345	22.192	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.760%
11) 1,1-Dichloroethene-d2	4.033	65	53702	22.351	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.400%
21) 2-Butanone-d5	7.081	46	57765m	38.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.640%
24) Chloroform-d	7.654	84	184920	21.956	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.840%
26) 1,2-Dichloroethane-d4	8.307	65	89876	20.868	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.480%
32) Benzene-d6	8.276	84	392033	23.263	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.040%
36) 1,2-Dichloropropane-d6	9.276	67	110348	22.211	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	10.325	98	340742	23.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	10.581	79	41021	21.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.400%
47) 2-Hexanone-d5	10.922	63	40753	44.025	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87969	21.527	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.120%
66) 1,2-Dichlorobenzene-d4	13.855	152	97222	23.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.240%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.027	85	93509	24.751	ug/L	93
3) Chloromethane	2.229	50	97582	21.089	ug/L	99
5) Vinyl chloride	2.381	62	126557	23.448	ug/L	100
6) Bromomethane	2.802	94	61149	21.588	ug/L	97
8) Chloroethane	2.948	64	70673	22.926	ug/L	94
9) Trichlorofluoromethane	3.283	101	120562	23.323	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.094	101	116542	26.439	ug/L	98
12) 1,1-Dichloroethene	4.051	96	99860	24.812	ug/L	94
13) Acetone	4.131	43	48606	33.887	ug/L	97
14) Carbon disulfide	4.399	76	257424	21.166	ug/L	97
15) Methyl Acetate	4.679	43	44409	17.715	ug/L	97
16) Methylene chloride	4.935	84	91841	19.960	ug/L	93
17) trans-1,2-Dichloroethene	5.441	96	94442	22.758	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	145299	21.706	ug/L	98
19) 1,1-Dichloroethane	6.228	63	194329	23.026	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	99590	22.346	ug/L	96
22) 2-Butanone	7.173	43	64705	34.967	ug/L	99
23) Bromochloromethane	7.526	128	39107	22.310	ug/L	90
25) Chloroform	7.685	83	175379	22.887	ug/L	91

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27) 1,2-Dichloroethane	8.404	62	110085	22.228	ug/L	99
29) Cyclohexane	7.965	56	212601	27.027	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	173632	26.014	ug/L	99
31) Carbon tetrachloride	8.075	117	150471	25.846	ug/L	100
33) Benzene	8.331	78	396670	24.020	ug/L	100
34) Trichloroethene	9.093	95	110372	24.469	ug/L	98
35) Methylcyclohexane	9.337	83	220418	27.443	ug/L	100
37) 1,2-Dichloropropane	9.367	63	101286	23.230	ug/L	98
38) Bromodichloromethane	9.648	83	119050	23.618	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	145498	23.116	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	126955	43.075	ug/L	99
42) Toluene	10.386	91	420256	24.060	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	118265	23.292	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	69784	22.981	ug/L	98
46) Tetrachloroethene	10.861	164	78531	24.421	ug/L	92
48) 2-Hexanone	10.971	43	88712	42.709	ug/L	97
49) Dibromochloromethane	11.129	129	67474	22.479	ug/L	92
50) 1,2-Dibromoethane	11.233	107	61503	22.138	ug/L	99
51) Chlorobenzene	11.660	112	247389	23.477	ug/L	95
52) Ethylbenzene	11.727	91	490524	24.723	ug/L	97
53) m,p-Xylene	11.837	106	178822	24.460	ug/L	98
54) o-Xylene	12.166	106	163105	24.546	ug/L	91
55) Styrene	12.178	104	277209	24.442	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	87140	22.043	ug/L	95
59) Bromoform	12.349	173	38319	22.743	ug/L	97
60) Isopropylbenzene	12.464	105	516233	25.990	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	62633	21.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	370251	25.203	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	362212	24.756	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	183381	24.103	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	177311	23.365	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	154603	22.555	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.482	75	14200	20.346	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	117031	22.875	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	96411	24.267	ug/L	95
71) Naphthalene	15.360	128	191838	22.957	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	82243	24.166	ug/L	97

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

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