

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026678.D
 Acq On : 10 Aug 2023 15:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Aug 11 01:55:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:47:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/11/2023
 Supervised By :Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	525824	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	284007	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	200864	23.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
7) Chloroethane-d5	2.893	69	154299m	24.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.040%
11) 1,1-Dichloroethene-d2	4.033	65	97761	22.995	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.000%
21) 2-Butanone-d5	7.075	46	132594	53.370	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.740%
24) Chloroform-d	7.648	84	441029	24.990	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	8.307	65	254582	26.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.560%
32) Benzene-d6	8.276	84	894087	25.264	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.040%
36) 1,2-Dichloropropane-d6	9.276	67	281889	25.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.280%
41) Toluene-d8	10.325	98	777528	25.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	10.575	79	114837	25.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.920%
47) 2-Hexanone-d5	10.922	63	67242	58.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235548	27.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	254954	25.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	157727	22.062	ug/L	98
3) Chloromethane	2.229	50	236064	24.148	ug/L	99
5) Vinyl chloride	2.375	62	225224	24.100	ug/L	99
6) Bromomethane	2.783	94	130374	23.945	ug/L	100
8) Chloroethane	2.930	64	133339	23.812	ug/L	98
9) Trichlorofluoromethane	3.265	101	168564	21.979	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	197368	23.824	ug/L	97
12) 1,1-Dichloroethene	4.052	96	187100	24.073	ug/L	94
13) Acetone	4.125	43	93193	37.726	ug/L	96
14) Carbon disulfide	4.393	76	660680	23.629	ug/L	99
15) Methyl Acetate	4.667	43	136503	27.586	ug/L	99
16) Methylene chloride	4.929	84	243577	23.947	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	209088	24.108	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	345569	26.334	ug/L	99
19) 1,1-Dichloroethane	6.216	63	437552	24.513	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	235980	25.314	ug/L	94
22) 2-Butanone	7.167	43	174873	48.036	ug/L	99
23) Bromochloromethane	7.514	128	102588	25.476	ug/L	91
25) Chloroform	7.679	83	412003	23.892	ug/L	100

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27) 1,2-Dichloroethane	8.398	62	303522	25.230	ug/L	99
29) Cyclohexane	7.959	56	386442	24.336	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	314833	23.493	ug/L	99
31) Carbon tetrachloride	8.069	117	289830	23.653	ug/L	95
33) Benzene	8.325	78	933547	24.965	ug/L	100
34) Trichloroethene	9.093	95	225979	23.728	ug/L	98
35) Methylcyclohexane	9.337	83	410252	25.180	ug/L	97
37) 1,2-Dichloropropane	9.368	63	255867	24.981	ug/L	99
38) Bromodichloromethane	9.642	83	295697	24.610	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	373972	25.380	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	372665	55.935	ug/L	99
42) Toluene	10.386	91	951065	25.142	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	320920	25.304	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	178139	25.430	ug/L	100
46) Tetrachloroethene	10.861	164	166850	24.115	ug/L	92
48) 2-Hexanone	10.965	43	261305	57.640	ug/L	99
49) Dibromochloromethane	11.123	129	184119	25.131	ug/L	96
50) 1,2-Dibromoethane	11.233	107	166193	25.285	ug/L	98
51) Chlorobenzene	11.660	112	580038	24.275	ug/L	97
52) Ethylbenzene	11.727	91	1052925	24.822	ug/L	96
53) m,p-Xylene	11.837	106	397279	25.280	ug/L	90
54) o-Xylene	12.166	106	378725	25.822	ug/L	94
55) Styrene	12.178	104	671965	26.350	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	233387	26.308	ug/L	96
59) Bromoform	12.349	173	108484	24.384	ug/L	100
60) Isopropylbenzene	12.459	105	1026049	24.300	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	175079	25.414	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	841209	25.205	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	816354	24.961	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	425279	23.159	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	439085	22.912	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	405555	24.286	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	41426	24.943	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	288950	23.290	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	244559	23.250	ug/L	98
71) Naphthalene	15.360	128	519233	25.878	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	232419	24.497	ug/L	99

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

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