

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072123\
 Data File : VW026628.D
 Acq On : 21 Jul 2023 08:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 22 01:21:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 20 01:56:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	651822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	579166	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	238396	21.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.720%
7) Chloroethane-d5	2.893	69	184282	23.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.560%
11) 1,1-Dichloroethene-d2	4.021	65	113939	22.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	7.081	46	137934	38.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.640%
24) Chloroform-d	7.648	84	503216	26.815	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.240%
26) 1,2-Dichloroethane-d4	8.307	65	260249	24.837	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.276	84	1010414	25.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.640%
36) 1,2-Dichloropropane-d6	9.270	67	312841	25.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	10.325	98	863538	25.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.280%
43) trans-1,3-Dichloroprop...	10.575	79	118202	24.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.520%
47) 2-Hexanone-d5	10.922	63	94438	39.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231346	22.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	257312	24.989	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	163276	22.206	ug/L	98
3) Chloromethane	2.222	50	231982	22.082	ug/L	99
5) Vinyl chloride	2.375	62	253081	22.858	ug/L	95
6) Bromomethane	2.783	94	138392	23.513	ug/L	92
8) Chloroethane	2.930	64	153584	24.807	ug/L	98
9) Trichlorofluoromethane	3.265	101	167374	20.410	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	221255m	24.311	ug/L	
12) 1,1-Dichloroethene	4.045	96	209416	23.982	ug/L	87
13) Acetone	4.131	43	113207	44.290	ug/L	99
14) Carbon disulfide	4.393	76	708587	23.149	ug/L	97
15) Methyl Acetate	4.673	43	112461	18.313	ug/L	98
16) Methylene chloride	4.917	84	240992	20.928	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	232749	24.929	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	325079	22.247	ug/L	99
19) 1,1-Dichloroethane	6.216	63	477574	25.585	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	249391	25.796	ug/L	99
22) 2-Butanone	7.173	43	159347	40.939	ug/L	99
23) Bromochloromethane	7.514	128	100953	24.377	ug/L	95
25) Chloroform	7.673	83	444776	26.006	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	300573	24.965	ug/L	99
29) Cyclohexane	7.959	56	422508	23.430	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	365710	25.763	ug/L	99
31) Carbon tetrachloride	8.069	117	321525	24.952	ug/L	98
33) Benzene	8.325	78	1001603	25.099	ug/L	100
34) Trichloroethene	9.093	95	254010	24.780	ug/L	96
35) Methylcyclohexane	9.337	83	446403	24.253	ug/L	98
37) 1,2-Dichloropropane	9.367	63	268353	25.322	ug/L	99
38) Bromodichloromethane	9.642	83	307215	25.515	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	392510	25.726	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	302849	37.862	ug/L	99
42) Toluene	10.386	91	1043920	25.904	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	319885	24.859	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	170531	23.056	ug/L	97
46) Tetrachloroethene	10.861	164	183311	25.190	ug/L	86
48) 2-Hexanone	10.965	43	212419	38.053	ug/L	99
49) Dibromochloromethane	11.129	129	184930	25.251	ug/L	99
50) 1,2-Dibromoethane	11.233	107	156544	22.453	ug/L	99
51) Chlorobenzene	11.654	112	627457	25.394	ug/L	100
52) Ethylbenzene	11.727	91	1175839	26.208	ug/L	99
53) m,p-Xylene	11.837	106	439767	26.942	ug/L	86
54) o-Xylene	12.166	106	408538	26.666	ug/L	96
55) Styrene	12.178	104	693693	26.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	205311	21.151	ug/L	98
59) Bromoform	12.349	173	102468	23.100	ug/L	97
60) Isopropylbenzene	12.458	105	1146843	26.429	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	152993	20.197	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	902667	27.121	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	894030	27.094	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	449097	24.664	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	443027	24.397	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	410275	25.460	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	32561	18.060	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	294518	24.442	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	239441	24.215	ug/L	99
71) Naphthalene	15.360	128	456233	20.374	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	211599	22.731	ug/L	99

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

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