

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020923\
 Data File : VW025324.D
 Acq On : 09 Feb 2023 12:35
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/10/2023
 Supervised By : Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 00:30:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	386443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	343763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172787	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	77524	20.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
7) Chloroethane-d5	2.899	69	69849	21.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	4.027	63	214810	20.716	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.081	46	47796	49.235	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.460%
24) Chloroform-d	7.648	84	238785	23.575	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.280%
26) 1,2-Dichloroethane-d4	8.307	65	118712	24.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.276	84	453812	21.781	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.120%
36) 1,2-Dichloropropane-d6	9.270	67	132805	21.785	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	10.325	98	418156	22.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	10.575	79	54865	24.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.922	63	37547	54.934	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97342	23.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	132043	22.026	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	112150m	21.447	ug/L	
3) Chloromethane	2.222	50	109034	21.723	ug/L	97
5) Vinyl chloride	2.375	62	122929	24.047	ug/L	96
6) Bromomethane	2.789	94	81661	23.331	ug/L	100
8) Chloroethane	2.936	64	74849	23.455	ug/L	93
9) Trichlorofluoromethane	3.271	101	138189	18.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	132256	24.805	ug/L	98
12) 1,1-Dichloroethene	4.045	96	121763	23.006	ug/L	99
13) Acetone	4.118	43	41104	38.400	ug/L	97
14) Carbon disulfide	4.393	76	383299	22.161	ug/L	99
15) Methyl Acetate	4.673	43	44760	24.438	ug/L	98
16) Methylene chloride	4.923	84	134810	20.493	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	130334	22.930	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	189236	23.159	ug/L	100
19) 1,1-Dichloroethane	6.222	63	248253	24.528	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	146390	24.528	ug/L	98
22) 2-Butanone	7.167	43	57346	44.055	ug/L	99
23) Bromochloromethane	7.514	128	61062	24.839	ug/L	92
25) Chloroform	7.673	83	257969	24.779	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163888	25.847	ug/L	99
29) Cyclohexane	7.959	56	214139	21.631	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	224777	23.052	ug/L	100
31) Carbon tetrachloride	8.069	117	207458	23.003	ug/L	99
33) Benzene	8.325	78	553947	23.286	ug/L	100
34) Trichloroethene	9.093	95	148972	22.357	ug/L	98
35) Methylcyclohexane	9.337	83	252088	21.194	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136612	23.284	ug/L	100
38) Bromodichloromethane	9.642	83	185263	23.747	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	221138	23.019	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	122357	47.231	ug/L	100
42) Toluene	10.386	91	602513	25.469	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	182885	26.707	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	99668	26.954	ug/L	96
46) Tetrachloroethene	10.861	164	108913	25.576	ug/L	89
48) 2-Hexanone	10.965	43	82951	50.720	ug/L	100
49) Dibromochloromethane	11.123	129	114493	27.414	ug/L	99
50) 1,2-Dibromoethane	11.233	107	93018	27.460	ug/L	93
51) Chlorobenzene	11.654	112	380466	24.438	ug/L	96
52) Ethylbenzene	11.727	91	687518	24.256	ug/L	99
53) m,p-Xylene	11.837	106	264922	24.662	ug/L	95
54) o-Xylene	12.166	106	249984	23.117	ug/L	97
55) Styrene	12.178	104	422513	23.076	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	105720	23.995	ug/L	96
59) Bromoform	12.349	173	61326	25.016	ug/L	98
60) Isopropylbenzene	12.458	105	702012	23.990	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	76869	25.021	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	584022	24.756	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	574734	24.314	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	289602	23.887	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	294592	24.624	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	259592	24.847	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	16743	23.334	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	192242	24.384	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	157104	24.472	ug/L	98
71) Naphthalene	15.360	128	289234	24.646	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	133904	24.292	ug/L	100

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

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