

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026535.D
 Acq On : 05 Jul 2023 16:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Jul 06 02:29:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 07/06/2023
 Supervised By :Mahesh
 Dadoda
 07/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	864040	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	761416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	375701	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	280048	21.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
7) Chloroethane-d5	2.893	69	217623	20.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	4.021	65	137988	22.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.080%
21) 2-Butanone-d5	7.075	46	212808	42.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.640%
24) Chloroform-d	7.648	84	577555	22.689	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.307	65	325279	21.970	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.880%
32) Benzene-d6	8.270	84	1225253	25.239	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.270	67	384655	24.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	10.325	98	1082212	24.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.320%
43) trans-1,3-Dichloroprop...	10.575	79	150323	23.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.800%
47) 2-Hexanone-d5	10.922	63	141026	45.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	310591	22.933	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	327235	21.931	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	237264m	24.093	ug/L	
3) Chloromethane	2.229	50	332120	20.855	ug/L	98
5) Vinyl chloride	2.381	62	300180	19.139	ug/L	96
6) Bromomethane	2.783	94	170901	18.663	ug/L	97
8) Chloroethane	2.930	64	183558	19.429	ug/L	100
9) Trichlorofluoromethane	3.265	101	200025	19.840	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	255062	21.637	ug/L	98
12) 1,1-Dichloroethene	4.045	96	248464	22.789	ug/L	88
13) Acetone	4.119	43	115848	37.581	ug/L	96
14) Carbon disulfide	4.393	76	774399	22.373	ug/L	100
15) Methyl Acetate	4.667	43	180908	23.587	ug/L	99
16) Methylene chloride	4.923	84	295490	19.190	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	279805	22.804	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	489899	22.837	ug/L	99
19) 1,1-Dichloroethane	6.216	63	593968	22.479	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	315530	22.415	ug/L	99
22) 2-Butanone	7.167	43	238390	41.551	ug/L	99
23) Bromochloromethane	7.514	128	130407	22.368	ug/L	97
25) Chloroform	7.673	83	547495	23.121	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	384878	22.058	ug/L	97
29) Cyclohexane	7.959	56	529776	24.975	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	412000	24.049	ug/L	99
31) Carbon tetrachloride	8.069	117	360946	23.370	ug/L	100
33) Benzene	8.325	78	1223013	24.802	ug/L	100
34) Trichloroethene	9.093	95	309393	24.600	ug/L	95
35) Methylcyclohexane	9.331	83	529152	24.631	ug/L	99
37) 1,2-Dichloropropane	9.368	63	333482	24.686	ug/L	100
38) Bromodichloromethane	9.642	83	378242	23.729	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	496644	24.933	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	518187	49.571	ug/L	100
42) Toluene	10.386	91	1247718	24.859	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	405546	24.294	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	227949	22.954	ug/L	91
46) Tetrachloroethene	10.861	164	208629	23.640	ug/L	96
48) 2-Hexanone	10.965	43	341597	46.863	ug/L	96
49) Dibromochloromethane	11.129	129	228978	23.014	ug/L	92
50) 1,2-Dibromoethane	11.233	107	218206	23.960	ug/L #	93
51) Chlorobenzene	11.654	112	771445	23.515	ug/L	97
52) Ethylbenzene	11.727	91	1419267	23.946	ug/L	99
53) m,p-Xylene	11.837	106	528065	24.367	ug/L	95
54) o-Xylene	12.160	106	505261	24.063	ug/L	100
55) Styrene	12.178	104	862218	24.012	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	301234	23.171	ug/L	100
59) Bromoform	12.349	173	134730	22.861	ug/L	96
60) Isopropylbenzene	12.459	105	1379991	23.948	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	224161	22.901	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1131617	23.818	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1126083	24.639	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	561276	22.895	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	569326	23.290	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	514595	22.282	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	51052	20.682	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	370858	22.742	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	327622	24.628	ug/L	99
71) Naphthalene	15.360	128	767868	25.793	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	295184	24.836	ug/L	99

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

