

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025731.D
 Acq On : 27 Apr 2023 18:00
 Operator : SY/MD
 Sample : 02499-23MS
 Misc : 5.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCC0MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 03:03:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	723320	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	648640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	322462	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	168626	19.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
7) Chloroethane-d5	2.899	69	138056m	21.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.280%
11) 1,1-Dichloroethene-d2	4.027	63	414160	20.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	7.075	46	153089	52.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.160%
24) Chloroform-d	7.648	84	452314	23.310	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.307	65	257176	24.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.276	84	884639	22.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.840%
36) 1,2-Dichloropropane-d6	9.270	67	289212	22.705	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.325	98	802759	23.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	10.575	79	122593	24.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.800%
47) 2-Hexanone-d5	10.922	63	107432	54.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231724	24.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	255005	23.082	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	191213m	20.878	ug/L	
3) Chloromethane	2.223	50	209563	17.321	ug/L	99
5) Vinyl chloride	2.375	62	212283	16.687	ug/L	99
6) Bromomethane	2.789	94	117087	17.397	ug/L	98
8) Chloroethane	2.936	64	118735	18.324	ug/L	97
9) Trichlorofluoromethane	3.265	101	177142	18.526	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	183265	18.366	ug/L	97
12) 1,1-Dichloroethene	4.045	96	176771m	18.079	ug/L	
13) Acetone	4.112	43	1269367	470.340	ug/L	100
14) Carbon disulfide	4.393	76	620882	18.139	ug/L	99
15) Methyl Acetate	4.667	43	104138	19.482	ug/L	99
16) Methylene chloride	4.923	84	202714	14.836	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	191690	18.612	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	300358	20.265	ug/L	99
19) 1,1-Dichloroethane	6.216	63	386942	18.434	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	208192	19.271	ug/L	# 99
22) 2-Butanone	7.167	43	283951	82.982	ug/L	100
23) Bromochloromethane	7.514	128	85992	19.167	ug/L	95
25) Chloroform	7.679	83	366241	18.997	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	262202	19.871	ug/L	98
29) Cyclohexane	7.959	56	378547	18.759	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	295885	18.735	ug/L	98
31) Carbon tetrachloride	8.069	117	272323	19.006	ug/L	97
33) Benzene	8.325	78	831354	18.780	ug/L	100
34) Trichloroethene	9.093	95	212568	18.591	ug/L	96
35) Methylcyclohexane	9.337	83	372981	18.353	ug/L	100
37) 1,2-Dichloropropane	9.368	63	223504	18.731	ug/L	100
38) Bromodichloromethane	9.642	83	256699	19.033	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	336028	19.666	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	293797	40.821	ug/L	99
42) Toluene	10.386	91	876718	19.413	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	285107	20.310	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	150191	19.426	ug/L	99
46) Tetrachloroethene	10.861	164	215051	26.559	ug/L	95
48) 2-Hexanone	10.965	43	207607	40.963	ug/L	99
49) Dibromochloromethane	11.123	129	156095	19.492	ug/L	99
50) 1,2-Dibromoethane	11.233	107	140473	19.805	ug/L #	98
51) Chlorobenzene	11.654	112	520836	18.740	ug/L	98
52) Ethylbenzene	11.727	91	979816	19.348	ug/L	99
53) m,p-Xylene	11.837	106	361976	19.362	ug/L	96
54) o-Xylene	12.166	106	342478	19.646	ug/L	97
55) Styrene	12.178	104	594555	20.119	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	181343	19.151	ug/L	94
59) Bromoform	12.343	173	88472	19.802	ug/L	99
60) Isopropylbenzene	12.465	105	948284	19.147	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	135031	19.254	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	767220	19.702	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	715119	20.331	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	390695	18.693	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	387612	18.291	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	350459	19.006	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	31196	19.429	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	255796	18.812	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	215743	18.581	ug/L	98
71) Naphthalene	15.360	128	424384	20.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	194861	19.014	ug/L	100

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

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