

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052623\
 Data File : VW026072.D
 Acq On : 26 May 2023 16:44
 Operator : SY/MD
 Sample : 02950-13MS
 Misc : 4.91g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW990MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/29/2023
 Supervised By :Mahesh Dadoda 05/29/2023

Quant Time: May 26 23:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 23:14:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	646843	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	418827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110676	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	193790	21.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.560%
7) Chloroethane-d5	2.899	69	182718	26.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.560%
11) 1,1-Dichloroethene-d2	4.015	65	92510	20.155	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.640%
21) 2-Butanone-d5	7.069	46	216483	71.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.880%#
24) Chloroform-d	7.648	84	502913	26.963	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.840%
26) 1,2-Dichloroethane-d4	8.301	65	285786	27.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	8.276	84	892334	32.606	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.440%
36) 1,2-Dichloropropane-d6	9.270	67	314357	35.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.600%#
41) Toluene-d8	10.319	98	654135	26.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	10.575	79	87175	24.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.240%
47) 2-Hexanone-d5	10.922	63	138476	92.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.480%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244692	36.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.640%#
66) 1,2-Dichlorobenzene-d4	13.849	152	118306	29.323	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	161101m	22.293	ug/L	
3) Chloromethane	2.223	50	241394	22.655	ug/L	99
5) Vinyl chloride	2.375	62	260871	23.654	ug/L	100
6) Bromomethane	2.783	94	144111	24.024	ug/L	94
8) Chloroethane	2.930	64	163611	26.089	ug/L	99
9) Trichlorofluoromethane	3.265	101	169889	20.412	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	215664	23.825	ug/L	97
12) 1,1-Dichloroethene	4.045	96	188849	21.830	ug/L	97
13) Acetone	4.119	43	192401	71.606	ug/L	98
14) Carbon disulfide	4.387	76	519981	17.774	ug/L	100
15) Methyl Acetate	4.667	43	135783	25.644	ug/L	99
16) Methylene chloride	4.917	84	289189	21.679	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	200688	21.265	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	436753	30.492	ug/L	99
19) 1,1-Dichloroethane	6.216	63	458057	23.624	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	233965	23.108	ug/L	97
22) 2-Butanone	7.167	43	197546	53.245	ug/L	98
23) Bromochloromethane	7.508	128	100141	23.346	ug/L	98
25) Chloroform	7.673	83	428119	24.023	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	300435	23.738	ug/L	98
29) Cyclohexane	7.953	56	355406	27.383	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	344751	33.658	ug/L	99
31) Carbon tetrachloride	8.069	117	286231	31.051	ug/L	99
33) Benzene	8.319	78	875992	30.231	ug/L	100
34) Trichloroethene	9.093	95	185335	24.925	ug/L	97
35) Methylcyclohexane	9.337	83	301497	22.798	ug/L	98
37) 1,2-Dichloropropane	9.368	63	255239	32.151	ug/L	100
38) Bromodichloromethane	9.642	83	279905	30.732	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	307109	26.379	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	376730	72.904	ug/L	99
42) Toluene	10.386	91	782020	26.413	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	228048	23.640	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	159139	29.966	ug/L	99
46) Tetrachloroethene	10.861	164	107782	20.604	ug/L	88
48) 2-Hexanone	10.965	43	261153	70.546	ug/L	99
49) Dibromochloromethane	11.123	129	148836	27.071	ug/L	92
50) 1,2-Dibromoethane	11.233	107	121733	24.865	ug/L	94
51) Chlorobenzene	11.654	112	387151	21.108	ug/L	97
52) Ethylbenzene	11.727	91	751747	22.572	ug/L	100
53) m,p-Xylene	11.837	106	271724	22.167	ug/L	95
54) o-Xylene	12.166	106	309749	26.810	ug/L	97
55) Styrene	12.178	104	373530	18.889	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	191772	28.941	ug/L	95
59) Bromoform	12.349	173	72463	44.202	ug/L	100
60) Isopropylbenzene	12.459	105	783010	46.543	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	142054	54.309	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	601267	45.124	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	497793	40.484	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	157090	21.691	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	142910	19.532	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	165484	25.622	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	26671	43.973	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	83174	17.302	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	44738	11.108	ug/L	96
71) Naphthalene	15.360	128	153295	20.167	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	49286	13.792	ug/L	99

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

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