

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025732.D
 Acq On : 27 Apr 2023 18:24
 Operator : SY/MD
 Sample : 02499-24MSD
 Misc : 5.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCC0MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

04/28/2023
 Supervised By : Mahesh
 Dadoda

05/01/2023

Quant Time: Apr 28 03:03:36 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	8.843	114	794910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	693559	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	339306	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	160475	16.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.200%
7) Chloroethane-d5	2.899	69	125435	18.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.160%
11) 1,1-Dichloroethene-d2	4.021	63	408567	18.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.920%
21) 2-Butanone-d5	7.075	46	143760	44.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.860%
24) Chloroform-d	7.648	84	430331	20.180	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	8.307	65	238512	20.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.080%
32) Benzene-d6	8.270	84	840951	19.972	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.880%
36) 1,2-Dichloropropane-d6	9.276	67	271973	19.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.880%
41) Toluene-d8	10.325	98	751820	20.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	10.575	79	113383	21.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.440%
47) 2-Hexanone-d5	10.922	63	105648	49.943	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	222946	22.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	234959	20.212	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.840%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.015	85	219277m	21.786	ug/L
3) Chloromethane	2.222	50	248126	18.661	ug/L
5) Vinyl chloride	2.375	62	243646	17.428	ug/L
6) Bromomethane	2.783	94	136410	18.443	ug/L
8) Chloroethane	2.930	64	137925	19.368	ug/L
9) Trichlorofluoromethane	3.265	101	207000	19.699	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	201987	18.419	ug/L
12) 1,1-Dichloroethene	4.045	96	206683	19.234	ug/L
13) Acetone	4.118	43	1338925	451.433	ug/L
14) Carbon disulfide	4.393	76	720632	19.157	ug/L
15) Methyl Acetate	4.667	43	121254	20.641	ug/L
16) Methylene chloride	4.917	84	238908	15.910	ug/L
17) trans-1,2-Dichloroethene	5.423	96	224811	19.862	ug/L
18) Methyl tert-butyl Ether	5.423	73	352098	21.616	ug/L
19) 1,1-Dichloroethane	6.216	63	461254	19.996	ug/L
20) cis-1,2-Dichloroethene	7.167	96	240573	20.263	ug/L
22) 2-Butanone	7.167	43	317305	84.378	ug/L
23) Bromochloromethane	7.514	128	100837	20.452	ug/L
25) Chloroform	7.679	83	430488	20.319	ug/L

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	309474	21.341	ug/L	98
29) Cyclohexane	7.959	56	446081	20.674	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	349003	20.667	ug/L	98
31) Carbon tetrachloride	8.069	117	320329	20.908	ug/L	98
33) Benzene	8.325	78	984489	20.799	ug/L	100
34) Trichloroethene	9.093	95	249243	20.386	ug/L	97
35) Methylcyclohexane	9.331	83	433681	19.958	ug/L	100
37) 1,2-Dichloropropane	9.368	63	262795	20.598	ug/L	100
38) Bromodichloromethane	9.642	83	303998	21.080	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	393304	21.527	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	351178	45.634	ug/L	99
42) Toluene	10.386	91	1033045	21.393	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	334815	22.306	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	176288	21.324	ug/L	98
46) Tetrachloroethene	10.861	164	251101	29.002	ug/L	95
48) 2-Hexanone	10.965	43	245362	45.277	ug/L	99
49) Dibromochloromethane	11.129	129	184098	21.500	ug/L	98
50) 1,2-Dibromoethane	11.233	107	163683	21.583	ug/L #	99
51) Chlorobenzene	11.654	112	597551	20.108	ug/L	99
52) Ethylbenzene	11.727	91	1157390	21.374	ug/L	99
53) m,p-Xylene	11.837	106	431439	21.582	ug/L	96
54) o-Xylene	12.160	106	410822	22.040	ug/L	100
55) Styrene	12.178	104	698800	22.115	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	219865	21.716	ug/L	98
59) Bromoform	12.349	173	110615	23.528	ug/L	99
60) Isopropylbenzene	12.465	105	1113672	21.371	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	163563	22.165	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	899892	21.962	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	837649	22.632	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	451449	20.528	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	451922	20.268	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	405108	20.879	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	36746	21.750	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	288786	20.184	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	243897	19.963	ug/L	97
71) Naphthalene	15.360	128	508715	23.313	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	227984	21.142	ug/L	96

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

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