

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062323\
 Data File : VW026315.D
 Acq On : 23 Jun 2023 11:59
 Operator : SY/MD
 Sample : 03382-06MS
 Misc : 4.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW43MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 23:08:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 23:07:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	730844	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	624879	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260056	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	169167	16.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.800%
7) Chloroethane-d5	2.893	69	165136	21.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
11) 1,1-Dichloroethene-d2	4.021	65	87784	17.316	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.280%
21) 2-Butanone-d5	7.075	46	193813	64.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.500%
24) Chloroform-d	7.648	84	474311	22.162	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.640%
26) 1,2-Dichloroethane-d4	8.307	65	264300	22.584	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.320%
32) Benzene-d6	8.270	84	865770	20.590	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.360%
36) 1,2-Dichloropropane-d6	9.276	67	303733	22.801	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	10.325	98	706273	18.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.760%
43) trans-1,3-Dichloroprop...	10.575	79	100976	19.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.520%
47) 2-Hexanone-d5	10.922	63	128307	61.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	248278	25.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	202013	20.295	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	155511m	17.358	ug/L	
3) Chloromethane	2.223	50	210553	18.328	ug/L	97
5) Vinyl chloride	2.375	62	231333	18.839	ug/L	98
6) Bromomethane	2.790	94	126990	18.970	ug/L	98
8) Chloroethane	2.930	64	144361	21.755	ug/L	99
9) Trichlorofluoromethane	3.265	101	171099	21.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	185996	18.659	ug/L	98
12) 1,1-Dichloroethene	4.045	96	188306	20.237	ug/L	82
13) Acetone	4.119	43	145853	62.973	ug/L	99
14) Carbon disulfide	4.393	76	476963	14.520	ug/L	99
15) Methyl Acetate	4.673	43	112870	21.713	ug/L	99
16) Methylene chloride	4.917	84	237261	20.340	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	180384	17.278	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	315964	19.202	ug/L	98
19) 1,1-Dichloroethane	6.216	63	412679	19.416	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	210374	19.023	ug/L	97
22) 2-Butanone	7.167	43	174497	52.815	ug/L	97
23) Bromochloromethane	7.520	128	89947	19.072	ug/L	91
25) Chloroform	7.679	83	388210	19.610	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	271144	19.859	ug/L	98
29) Cyclohexane	7.959	56	327084	16.954	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	314144	20.716	ug/L	99
31) Carbon tetrachloride	8.069	117	266486	19.258	ug/L	99
33) Benzene	8.325	78	833917	19.481	ug/L	100
34) Trichloroethene	9.093	95	198496	18.109	ug/L	98
35) Methylcyclohexane	9.337	83	311795	16.076	ug/L	99
37) 1,2-Dichloropropane	9.368	63	239664	20.671	ug/L	100
38) Bromodichloromethane	9.642	83	269362	19.997	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	329944	19.365	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	325113	47.562	ug/L	99
42) Toluene	10.386	91	842335	19.239	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	275838	19.433	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	159217	20.836	ug/L	99
46) Tetrachloroethene	10.861	164	134112	17.298	ug/L	96
48) 2-Hexanone	10.965	43	241092	50.022	ug/L	99
49) Dibromochloromethane	11.123	129	155624	19.425	ug/L	97
50) 1,2-Dibromoethane	11.233	107	140777	19.897	ug/L	98
51) Chlorobenzene	11.654	112	497913	18.148	ug/L	99
52) Ethylbenzene	11.727	91	907791	18.380	ug/L	98
53) m,p-Xylene	11.837	106	339055	18.453	ug/L	96
54) o-Xylene	12.166	106	319655	18.433	ug/L	95
55) Styrene	12.178	104	535779	18.009	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	186001	20.113	ug/L	96
59) Bromoform	12.349	173	87775	22.472	ug/L	100
60) Isopropylbenzene	12.459	105	873337	21.378	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	133075	22.845	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	652811	20.101	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	586374	19.713	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	297658	17.329	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	308008	17.811	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	277405	17.984	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	27861	20.644	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	169078	14.329	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	119327	12.256	ug/L	96
71) Naphthalene	15.360	128	229521	13.227	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105008	12.341	ug/L	99

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

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