

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023282.D
 Acq On : 24 May 2022 19:12
 Operator : SY/VA
 Sample : N2976-02MS
 Misc : 4.85g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY22MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 25 00:57:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 25 00:48:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	351876	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	328239	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	155088	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	149687	20.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
7) Chloroethane-d5	2.885	69	116065	24.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.840%
11) 1,1-Dichloroethene-d2	4.025	63	189177	20.280	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.120%
21) 2-Butanone-d5	7.079	46	17417	12.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.380%
24) Chloroform-d	7.646	84	270473	26.236	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	8.305	65	152401	26.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	8.274	84	490088	25.904	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	9.274	67	150152	28.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.000%
41) Toluene-d8	10.323	98	439290	24.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.160%
43) trans-1,3-Dichloroprop...	10.579	79	56526	23.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.400%
47) 2-Hexanone-d5	10.926	63	12797	12.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	146473	29.570	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	140276	25.875	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	42070	21.932	ug/L	100
3) Chloromethane	2.215	50	107363	28.965	ug/L	97
5) Vinyl chloride	2.361	62	163733	22.010	ug/L	98
6) Bromomethane	2.775	94	68693	14.382	ug/L	88
8) Chloroethane	2.922	64	88689	24.718	ug/L	95
9) Trichlorofluoromethane	3.257	101	57331	16.862	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	103183	20.296	ug/L	98
12) 1,1-Dichloroethene	4.043	96	90680	20.121	ug/L	96
13) Acetone	4.117	43	33816	32.906	ug/L	94
14) Carbon disulfide	4.385	76	245044	19.833	ug/L	99
15) Methyl Acetate	4.671	43	30691m	14.866	ug/L	
16) Methylene chloride	4.915	84	121382	23.575	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	111234	21.933	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	193070	24.938	ug/L	99
19) 1,1-Dichloroethane	6.214	63	207638	24.156	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	126015	23.133	ug/L #	94
22) 2-Butanone	7.171	43	31594	21.983	ug/L	99
23) Bromochloromethane	7.512	128	62002	24.304	ug/L	87
25) Chloroform	7.677	83	232356	24.447	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	156180	24.651	ug/L	99
29) Cyclohexane	7.957	56	149671	21.084	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	183185	23.616	ug/L	98
31) Carbon tetrachloride	8.067	117	156233	21.531	ug/L	99
33) Benzene	8.323	78	481814	24.917	ug/L	100
34) Trichloroethene	9.091	95	119630	22.496	ug/L	99
35) Methylcyclohexane	9.335	83	175044	20.037	ug/L	98
37) 1,2-Dichloropropane	9.366	63	118651	25.356	ug/L	98
38) Bromodichloromethane	9.646	83	168276	25.318	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	152467	21.013	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	137609	46.656	ug/L	100
42) Toluene	10.390	91	507268	23.408	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	145931	22.533	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	102253	26.139	ug/L	98
46) Tetrachloroethene	10.859	164	76967	19.259	ug/L	90
48) 2-Hexanone	10.963	43	59949	30.421	ug/L #	82
49) Dibromochloromethane	11.128	129	117543	24.966	ug/L	96
50) 1,2-Dibromoethane	11.237	107	97112	24.723	ug/L	100
51) Chlorobenzene	11.658	112	316678	22.166	ug/L	97
52) Ethylbenzene	11.731	91	494587	20.515	ug/L	99
53) m,p-Xylene	11.841	106	192521	20.267	ug/L	98
54) o-Xylene	12.164	106	197477	21.663	ug/L	99
55) Styrene	12.176	104	260227	16.800	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	120039	24.568	ug/L	95
59) Bromoform	12.347	173	59401	27.027	ug/L	97
60) Isopropylbenzene	12.463	105	458273	21.569	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	89834	28.990	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	244950	20.723	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	375332	21.147	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	206782	21.799	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	209202	21.351	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	200162	23.059	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18058	26.664	ug/L	85
69) 1,3,5-Trichlorobenzene	14.627	180	103563	16.447	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	83281	16.442	ug/L	99
71) Naphthalene	15.358	128	221905	20.157	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	75893	16.906	ug/L	99

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

