

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023193.D
 Acq On : 20 May 2022 12:57
 Operator : SY/VA
 Sample : N2926-03MSD
 Misc : 5.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: May 20 23:03:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 23:01:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	50694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	47151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	21053	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	19387	18.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.560%
7) Chloroethane-d5	2.885	69	20041	29.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.480%
11) 1,1-Dichloroethene-d2	4.025	63	30044	22.356	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.086	46	8171	41.320	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.640%
24) Chloroform-d	7.653	84	32701	22.018	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.080%
26) 1,2-Dichloroethane-d4	8.311	65	18074	22.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.760%
32) Benzene-d6	8.281	84	60273	22.178	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.720%
36) 1,2-Dichloropropane-d6	9.274	67	18277	23.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	55594	21.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.720%
43) trans-1,3-Dichloroprop...	10.573	79	6833	19.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.760%
47) 2-Hexanone-d5	10.927	63	4140	28.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17110	24.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	16594	22.548	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	3041	11.004	ug/L	97
3) Chloromethane	2.221	50	14986	28.063	ug/L	97
5) Vinyl chloride	2.361	62	23822	22.228	ug/L	96
6) Bromomethane	2.782	94	16290	23.674	ug/L	93
8) Chloroethane	2.922	64	19342	37.418	ug/L	98
9) Trichlorofluoromethane	3.269	101	28827	58.850	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	17885	24.419	ug/L	92
12) 1,1-Dichloroethene	4.044	96	15637	24.084	ug/L	88
13) Acetone	4.135	43	10463	70.671	ug/L	98
14) Carbon disulfide	4.385	76	38657	21.717	ug/L	99
15) Methyl Acetate	4.684	43	8233m	27.680	ug/L	
16) Methylene chloride	4.928	84	18026	24.301	ug/L	88
17) trans-1,2-Dichloroethene	5.440	96	16893	23.120	ug/L	90
18) Methyl tert-butyl Ether	5.434	73	37302	33.443	ug/L #	76
19) 1,1-Dichloroethane	6.226	63	29339	23.692	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	17974	22.903	ug/L #	89
22) 2-Butanone	7.177	43	10514	50.780	ug/L	77
23) Bromochloromethane	7.519	128	9018	24.536	ug/L	90
25) Chloroform	7.677	83	31706	23.155	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	23111	25.320	ug/L	96
29) Cyclohexane	7.958	56	23467	23.013	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	29458	26.437	ug/L	98
31) Carbon tetrachloride	8.073	117	26350	25.280	ug/L	96
33) Benzene	8.323	78	67533	24.313	ug/L	100
34) Trichloroethene	9.092	95	17924	23.464	ug/L	92
35) Methylcyclohexane	9.341	83	26364	21.008	ug/L	97
37) 1,2-Dichloropropane	9.372	63	16736	24.898	ug/L	98
38) Bromodichloromethane	9.646	83	21793	22.826	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	21477	20.606	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	16456	38.841	ug/L	99
42) Toluene	10.384	91	71377	22.929	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	18871	20.285	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	14952	26.608	ug/L	96
46) Tetrachloroethene	10.860	164	14401	25.086	ug/L	81
48) 2-Hexanone	10.969	43	10654	37.635	ug/L	94
49) Dibromochloromethane	11.128	129	14534	21.490	ug/L	95
50) 1,2-Dibromoethane	11.238	107	13364	23.685	ug/L	97
51) Chlorobenzene	11.658	112	45705	22.271	ug/L	99
52) Ethylbenzene	11.731	91	73730	21.290	ug/L	100
53) m,p-Xylene	11.841	106	28824	21.123	ug/L	96
54) o-Xylene	12.164	106	27984	21.370	ug/L	98
55) Styrene	12.182	104	44850	20.156	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	16679	23.764	ug/L	96
59) Bromoform	12.347	173	6768	22.684	ug/L #	90
60) Isopropylbenzene	12.463	105	75335	26.120	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	12675	30.131	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	34958	21.786	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	51744	21.477	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	29803	23.144	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	29139	21.908	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	26301	22.320	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.487	75	1902	20.689	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	12985	15.191	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	7221	10.502	ug/L	90
71) Naphthalene	15.365	128	11943	7.992	ug/L #	81
72) 1,2,3-Trichlorobenzene	15.554	180	4826	7.919	ug/L	94

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

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