

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022479.D
 Acq On : 11 Apr 2022 13:36
 Operator : SY/VA
 Sample : N2293-23MS
 Misc : 6.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ5MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 11 23:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	171775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	167449	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	62592	16.483	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.920%		
7) Chloroethane-d5	2.891	69	55410	23.282	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.120%		
11) 1,1-Dichloroethene-d2	4.019	63	104418	21.200	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.800%		
21) 2-Butanone-d5	7.079	46	34426	51.926	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.860%		
24) Chloroform-d	7.652	84	125759	23.423	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.680%		
26) 1,2-Dichloroethane-d4	8.311	65	69693	22.718	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.880%		
32) Benzene-d6	8.280	84	215688	21.083	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.320%		
36) 1,2-Dichloropropane-d6	9.274	67	66381	22.422	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.680%		
41) Toluene-d8	10.323	98	204725	20.432	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.720%		
43) trans-1,3-Dichloroprop...	10.579	79	29578	21.169	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.680%		
47) 2-Hexanone-d5	10.920	63	27681	50.254	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.500%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	62455	24.810	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.240%		
66) 1,2-Dichlorobenzene-d4	13.846	152	74346	23.770	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5714m	6.786	ug/L	
3) Chloromethane	2.220	50	40917	19.490	ug/L	96
5) Vinyl chloride	2.367	62	82052	18.730	ug/L	93
6) Bromomethane	2.787	94	53746	20.183	ug/L	98
8) Chloroethane	2.922	64	49047	25.574	ug/L	99
9) Trichlorofluoromethane	3.263	101	81885	50.631	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	57859	22.467	ug/L	97
12) 1,1-Dichloroethene	4.037	96	52800	22.829	ug/L	91
13) Acetone	4.129	43	37973	84.123	ug/L	97
14) Carbon disulfide	4.385	76	159569	20.972	ug/L	98
15) Methyl Acetate	4.677	43	24990	22.061	ug/L	98
16) Methylene chloride	4.927	84	58523	22.642	ug/L	81
17) trans-1,2-Dichloroethene	5.433	96	58727	21.675	ug/L	94
18) Methyl tert-butyl Ether	5.433	73	131896	29.808	ug/L #	87
19) 1,1-Dichloroethane	6.220	63	104505	21.139	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	66687	23.305	ug/L #	82
22) 2-Butanone	7.171	43	38454	56.404	ug/L	95
23) Bromochloromethane	7.518	128	29242	23.745	ug/L	88
25) Chloroform	7.677	83	114454	21.981	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	78132	21.350	ug/L	96
29) Cyclohexane	7.957	56	93572	19.525	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	105516	22.716	ug/L	99
31) Carbon tetrachloride	8.073	117	93034	22.316	ug/L	99
33) Benzene	8.323	78	587319	51.661	ug/L	100
34) Trichloroethene	9.091	95	66914	21.982	ug/L	92
35) Methylcyclohexane	9.335	83	114722	21.006	ug/L	97
37) 1,2-Dichloropropane	9.372	63	55853	20.507	ug/L	99
38) Bromodichloromethane	9.646	83	84665	21.617	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	92024	21.293	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	71879	43.245	ug/L	94
42) Toluene	10.384	91	420794	32.301	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	80414	20.780	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	48302	23.238	ug/L	97
46) Tetrachloroethene	10.859	164	48361	21.613	ug/L	88
48) 2-Hexanone	10.969	43	55610	47.424	ug/L	97
49) Dibromochloromethane	11.127	129	57977	23.387	ug/L	99
50) 1,2-Dibromoethane	11.237	107	45791	22.310	ug/L	97
51) Chlorobenzene	11.658	112	2136536	268.381	ug/L	96
52) Ethylbenzene	11.731	91	312376	21.393	ug/L	97
53) m,p-Xylene	11.841	106	125288	22.566	ug/L	88
54) o-Xylene	12.164	106	119837	22.587	ug/L	92
55) Styrene	12.182	104	191787	21.158	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	55837	21.886	ug/L	100
59) Bromoform	12.347	173	28077	21.398	ug/L	100
60) Isopropylbenzene	12.463	105	316639	21.587	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	41778	22.242	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	173833	21.549	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	269078	21.935	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	129889	21.819	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	130957	22.057	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	116521	21.886	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	9844	22.597	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	84442	21.740	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	63359	19.423	ug/L	94
71) Naphthalene	15.358	128	128876	18.731	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	51565	18.493	ug/L	97

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

Manual Integrations

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