

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023881.D
 Acq On : 19 Jul 2022 13:52
 Operator : SY/VA
 Sample : N3709-10MS
 Misc : 5.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B25MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 01:19:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	278479	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	250719	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	117617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	147862	20.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.160%		
7) Chloroethane-d5	2.879	69	99189	20.904	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.600%		
11) 1,1-Dichloroethene-d2	4.019	63	159089	27.468	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	109.880%		
21) 2-Butanone-d5	7.080	46	73226	66.374	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.740%		
24) Chloroform-d	7.647	84	216499	26.702	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.800%		
26) 1,2-Dichloroethane-d4	8.305	65	124002	25.006	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.040%		
32) Benzene-d6	8.275	84	387000	29.693	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.760%		
36) 1,2-Dichloropropane-d6	9.275	67	118638	30.220	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	120.880%#		
41) Toluene-d8	10.323	98	364448	27.568	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	110.280%		
43) trans-1,3-Dichloroprop...	10.579	79	52921	28.758	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	115.040%		
47) 2-Hexanone-d5	10.921	63	56635	68.605	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.220%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131688	30.353	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	121.400%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	113527	27.039	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	67171	35.495	ug/L	100
3) Chloromethane	2.215	50	108679	23.451	ug/L	97
5) Vinyl chloride	2.355	62	164973	20.731	ug/L	97
6) Bromomethane	2.770	94	92523	17.975	ug/L	99
8) Chloroethane	2.910	64	78736	21.148	ug/L	99
9) Trichlorofluoromethane	3.245	101	74847	20.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	101839	28.767	ug/L	97
12) 1,1-Dichloroethene	4.038	96	86712	29.374	ug/L	84
13) Acetone	4.123	43	64302	82.438	ug/L	99
14) Carbon disulfide	4.385	76	196046	22.576	ug/L	100
15) Methyl Acetate	4.672	43	50418	28.881	ug/L	97
16) Methylene chloride	4.916	84	111256	25.549	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	97611	27.253	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	174747	31.536	ug/L	98
19) 1,1-Dichloroethane	6.214	63	184471	27.922	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	113337	28.563	ug/L #	96
22) 2-Butanone	7.171	43	85179	66.450	ug/L	98
23) Bromochloromethane	7.513	128	57893	30.372	ug/L	94
25) Chloroform	7.677	83	212756	27.953	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	147220	26.281	ug/L	98
29) Cyclohexane	7.958	56	129929	28.335	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	166133	30.603	ug/L	98
31) Carbon tetrachloride	8.067	117	148068	30.257	ug/L	98
33) Benzene	8.323	78	431616	30.294	ug/L	100
34) Trichloroethene	9.092	95	110411	29.346	ug/L	97
35) Methylcyclohexane	9.335	83	134688	23.510	ug/L	96
37) 1,2-Dichloropropane	9.372	63	108078	30.257	ug/L	99
38) Bromodichloromethane	9.646	83	157752	31.644	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	164486	30.552	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	179623	72.265	ug/L	97
42) Toluene	10.384	91	467788	28.789	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	153894	30.074	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	101788	32.590	ug/L	98
46) Tetrachloroethene	10.860	164	78419	26.956	ug/L	94
48) 2-Hexanone	10.969	43	127977m	70.717	ug/L	
49) Dibromochloromethane	11.128	129	116829	32.255	ug/L	97
50) 1,2-Dibromoethane	11.232	107	100477	33.485	ug/L	100
51) Chlorobenzene	11.658	112	299697	27.348	ug/L	94
52) Ethylbenzene	11.731	91	495311	26.825	ug/L	100
53) m,p-Xylene	11.835	106	187779	26.066	ug/L	97
54) o-Xylene	12.164	106	187194	27.057	ug/L	89
55) Styrene	12.176	104	304841	24.941	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	130106	30.540	ug/L	99
59) Bromoform	12.347	173	69567	40.112	ug/L	98
60) Isopropylbenzene	12.463	105	462388	29.266	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	95262	36.938	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	335718	25.954	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	342205	26.461	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	201217	28.050	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	204777	26.832	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	193371	28.582	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21640	36.380	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	86986	18.320	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	67916	18.524	ug/L	97
71) Naphthalene	15.365	128	274334	34.882	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	67311	19.697	ug/L	97

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

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