

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022163.D
 Acq On : 03 Mar 2022 14:59
 Operator : SY/VA
 Sample : N1733-11MS
 Misc : 5.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRS5MS

Quant Time: Mar 04 00:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 04 00:31:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	175713	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	161579	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48428	21.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
7) Chloroethane-d5	2.879	69	38337	21.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.040%
11) 1,1-Dichloroethene-d2	4.019	63	72727	20.722	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.080	46	19027	49.377	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.760%
24) Chloroform-d	7.647	84	94285	24.050	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	8.305	65	46272	22.706	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.840%
32) Benzene-d6	8.269	84	174813	23.247	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.275	67	49985	23.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	169973	22.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.579	79	20365	21.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.921	63	17273	50.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	44747	24.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	69787	24.491	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	9382	19.105	ug/L	94
3) Chloromethane	2.209	50	36009	21.399	ug/L	96
5) Vinyl chloride	2.361	62	54409	21.519	ug/L	94
6) Bromomethane	2.776	94	32564	18.441	ug/L	94
8) Chloroethane	2.916	64	29583	20.828	ug/L	98
9) Trichlorofluoromethane	3.251	101	34430	20.057	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	43674	20.854	ug/L	97
12) 1,1-Dichloroethene	4.044	96	38028	20.951	ug/L	90
13) Acetone	4.129	43	15460	49.122	ug/L	98
14) Carbon disulfide	4.379	76	83668	17.779	ug/L	99
15) Methyl Acetate	4.678	43	11988	16.919	ug/L	96
16) Methylene chloride	4.916	84	41547	19.263	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	41917	21.025	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	55507	20.464	ug/L	99
19) 1,1-Dichloroethane	6.214	63	71326	22.099	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	49824	23.070	ug/L	99
22) 2-Butanone	7.171	43	19888	43.990	ug/L	98
23) Bromochloromethane	7.513	128	22010	20.863	ug/L	94
25) Chloroform	7.677	83	82547	21.919	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	46693	20.130	ug/L	97
29) Cyclohexane	7.958	56	57110	21.238	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	73551	22.626	ug/L	98
31) Carbon tetrachloride	8.067	117	68619	22.210	ug/L	100
33) Benzene	8.323	78	168329	21.548	ug/L	100
34) Trichloroethene	9.092	95	48303	21.595	ug/L	96
35) Methylcyclohexane	9.336	83	72784	21.038	ug/L	99
37) 1,2-Dichloropropane	9.366	63	39425	21.633	ug/L	100
38) Bromodichloromethane	9.640	83	57644	22.056	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	61641	22.251	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	40021	40.664	ug/L	99
42) Toluene	10.384	91	196305	22.202	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	54743	21.990	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33349	20.636	ug/L	97
46) Tetrachloroethene	10.860	164	41320	21.088	ug/L	94
48) 2-Hexanone	10.963	43	33390	48.881	ug/L	98
49) Dibromochloromethane	11.128	129	40795	20.782	ug/L	99
50) 1,2-Dibromoethane	11.232	107	30940	19.849	ug/L	91
51) Chlorobenzene	11.652	112	135773	22.065	ug/L	97
52) Ethylbenzene	11.725	91	222287	22.717	ug/L	98
53) m,p-Xylene	11.841	106	89989	22.350	ug/L	97
54) o-Xylene	12.164	106	88275	23.301	ug/L	98
55) Styrene	12.176	104	146396	23.050	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	38698	20.638	ug/L	99
59) Bromoform	12.347	173	23850	20.329	ug/L #	99
60) Isopropylbenzene	12.463	105	237285	22.281	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	26472	18.906	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	166288	23.481	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	194866	22.516	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	110670	20.948	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	112961	21.337	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	99666	21.219	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5596	18.905	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	79235	20.896	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	63449	22.115	ug/L	97
71) Naphthalene	15.365	128	106578	21.043	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	53336	21.492	ug/L	98

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

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