

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024038.D
 Acq On : 23 Jul 2022 07:50
 Operator : SY/VA
 Sample : N3795-03MSD
 Misc : 6.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBUL9MSD

Quant Time: Jul 24 00:40:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 23 06:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	271539	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	276683	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149259	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126002	18.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.680%
7) Chloroethane-d5	2.873	69	89855	19.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.680%
11) 1,1-Dichloroethene-d2	4.013	63	106888	18.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.720%
21) 2-Butanone-d5	7.073	46	52564	48.863	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.720%
24) Chloroform-d	7.647	84	177047	22.395	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	8.305	65	103744	21.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.840%
32) Benzene-d6	8.268	84	315977	21.969	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.880%
36) 1,2-Dichloropropane-d6	9.274	67	100805	23.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	10.323	98	299523	20.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.120%
43) trans-1,3-Dichloroprop...	10.579	79	44767	22.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.160%
47) 2-Hexanone-d5	10.920	63	47369	51.996	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118375	24.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	115773	21.728	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	33121	17.949	ug/L	97
3) Chloromethane	2.208	50	89816	19.876	ug/L	99
5) Vinyl chloride	2.349	62	149817	19.307	ug/L	100
6) Bromomethane	2.769	94	82210	16.379	ug/L	98
8) Chloroethane	2.910	64	66506	18.320	ug/L	98
9) Trichlorofluoromethane	3.245	101	72790	20.636	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	67700	19.612	ug/L	99
12) 1,1-Dichloroethene	4.031	96	54500	18.934	ug/L	93
13) Acetone	4.123	43	29763	39.133	ug/L	96
14) Carbon disulfide	4.379	76	126097	14.892	ug/L	100
15) Methyl Acetate	4.671	43	32744	19.236	ug/L	98
16) Methylene chloride	4.909	84	75281	17.730	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	66790	19.125	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	118376	21.909	ug/L #	86
19) 1,1-Dichloroethane	6.208	63	136651	21.212	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	80289	20.752	ug/L #	99
22) 2-Butanone	7.171	43	48345	38.679	ug/L	73
23) Bromochloromethane	7.512	128	39769	21.397	ug/L	87
25) Chloroform	7.671	83	158123	21.306	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	112784	20.648	ug/L	97
29) Cyclohexane	7.951	56	95225	18.818	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	128330	21.421	ug/L	99
31) Carbon tetrachloride	8.067	117	114902	21.277	ug/L	98
33) Benzene	8.317	78	335561	21.342	ug/L	100
34) Trichloroethene	9.091	95	83399	20.087	ug/L	92
35) Methylcyclohexane	9.329	83	114266	18.073	ug/L	98
37) 1,2-Dichloropropane	9.366	63	86622	21.975	ug/L	99
38) Bromodichloromethane	9.640	83	125055	22.731	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	128050	21.552	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	122029	44.487	ug/L	98
42) Toluene	10.384	91	386417	21.550	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	123598	21.887	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	74909	21.733	ug/L	96
46) Tetrachloroethene	10.859	164	61805	19.251	ug/L	97
48) 2-Hexanone	10.963	43	90783	45.457	ug/L	98
49) Dibromochloromethane	11.128	129	92465	23.133	ug/L	99
50) 1,2-Dibromoethane	11.237	107	71262	21.520	ug/L	98
51) Chlorobenzene	11.652	112	250965	20.752	ug/L	98
52) Ethylbenzene	11.725	91	430507	21.128	ug/L	98
53) m,p-Xylene	11.835	106	169823	21.361	ug/L	96
54) o-Xylene	12.164	106	166047	21.748	ug/L	100
55) Styrene	12.176	104	292138	21.659	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	104312	22.188	ug/L	96
59) Bromoform	12.347	173	52737	23.962	ug/L #	95
60) Isopropylbenzene	12.463	105	444815	22.185	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	72641	22.195	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	352501	21.474	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	354898	21.625	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	184542	20.272	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	202135	20.871	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	185034	21.552	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15979	21.168	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	111470	18.500	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	78886	16.955	ug/L	98
71) Naphthalene	15.359	128	180126	18.048	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	72260	16.662	ug/L	99

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

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