

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023942.D
 Acq On : 20 Jul 2022 17:43
 Operator : SY/VA
 Sample : N3741-02MS
 Misc : 6.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B12MS

Quant Time: Jul 21 00:24:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 21 00:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	249215	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	233311	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	97771	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	118913	18.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.720%
7) Chloroethane-d5	2.873	69	89728	21.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	4.013	63	115093	22.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.840%
21) 2-Butanone-d5	7.080	46	63613	64.431	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.860%
24) Chloroform-d	7.647	84	175889	24.241	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.305	65	102891	23.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.275	84	306316	25.256	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.040%
36) 1,2-Dichloropropane-d6	9.274	67	97537	26.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.800%
41) Toluene-d8	10.323	98	284251	23.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	10.579	79	43679	25.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.040%
47) 2-Hexanone-d5	10.921	63	55695	72.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.000%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119167	29.517	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	81877	23.459	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	56898	33.597	ug/L	98
3) Chloromethane	2.209	50	99772	24.057	ug/L	96
5) Vinyl chloride	2.349	62	145484	20.428	ug/L	95
6) Bromomethane	2.763	94	76348	16.574	ug/L	96
8) Chloroethane	2.916	64	73642	22.103	ug/L	99
9) Trichlorofluoromethane	3.245	101	51749	15.985	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	79762	25.176	ug/L	99
12) 1,1-Dichloroethene	4.032	96	62922	23.818	ug/L	99
13) Acetone	4.123	43	51322	73.524	ug/L	96
14) Carbon disulfide	4.379	76	149181	19.197	ug/L	99
15) Methyl Acetate	4.672	43	36987	23.675	ug/L	100
16) Methylene chloride	4.922	84	91993	23.606	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	74908	23.370	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	139109	28.053	ug/L	98
19) 1,1-Dichloroethane	6.208	63	148955	25.193	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	92445	26.034	ug/L #	92
22) 2-Butanone	7.177	43	72719	63.392	ug/L	99
23) Bromochloromethane	7.513	128	48634	28.510	ug/L	94
25) Chloroform	7.671	83	177761	26.098	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	126728	25.280	ug/L	99
29) Cyclohexane	7.952	56	97824	22.925	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	132866	26.301	ug/L	99
31) Carbon tetrachloride	8.067	117	117121	25.719	ug/L	98
33) Benzene	8.323	78	350948	26.470	ug/L	100
34) Trichloroethene	9.092	95	87762	25.067	ug/L	90
35) Methylcyclohexane	9.335	83	103333	19.382	ug/L	98
37) 1,2-Dichloropropane	9.366	63	92066	27.698	ug/L	99
38) Bromodichloromethane	9.640	83	132269	28.512	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	134661	26.878	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	164472	71.107	ug/L	97
42) Toluene	10.384	91	378764	25.050	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	130260	27.355	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	89382	30.753	ug/L	92
46) Tetrachloroethene	10.860	164	60556	22.369	ug/L	98
48) 2-Hexanone	10.969	43	127700	75.829	ug/L	99
49) Dibromochloromethane	11.128	129	99003	29.373	ug/L	100
50) 1,2-Dibromoethane	11.231	107	81874	29.322	ug/L	91
51) Chlorobenzene	11.652	112	239533	23.489	ug/L	99
52) Ethylbenzene	11.731	91	404017	23.513	ug/L	100
53) m,p-Xylene	11.835	106	153567	22.907	ug/L	95
54) o-Xylene	12.164	106	150027	23.303	ug/L	97
55) Styrene	12.176	104	251001	22.068	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120195	30.319	ug/L	98
59) Bromoform	12.347	173	58358	40.479	ug/L	97
60) Isopropylbenzene	12.463	105	391084	29.777	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86059	40.143	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	291362	27.097	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	291028	27.071	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	149410	25.056	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	152977	24.113	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	145119	25.804	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18705	37.829	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	65519	16.600	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	47728	15.660	ug/L	94
71) Naphthalene	15.359	128	133584	20.433	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	45113	15.881	ug/L	100

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

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