

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
 Data File : VW019681.D
 Acq On : 05 Aug 2021 14:27
 Operator : SY/VA
 Sample : M3264-02MS
 Misc : 6.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB642MS

Quant Time: Aug 06 01:39:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 06 01:35:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	463548	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	461485	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	239535	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135030	20.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.240%
7) Chloroethane-d5	2.891	69	116316	24.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.320%
11) 1,1-Dichloroethene-d2	4.031	63	297818	23.501	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.000%
21) 2-Butanone-d5	7.080	46	112747	59.145	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.300%
24) Chloroform-d	7.653	84	333121	26.008	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.040%
26) 1,2-Dichloroethane-d4	8.311	65	203440	28.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.760%
32) Benzene-d6	8.275	84	644677	23.468	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.880%
36) 1,2-Dichloropropane-d6	9.274	67	200820	23.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	10.323	98	601337	24.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.579	79	94880	25.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.520%
47) 2-Hexanone-d5	10.927	63	98397	61.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.880%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	198294	28.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	212603	25.156	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	119631	21.665	ug/L	99
3) Chloromethane	2.221	50	129934	22.931	ug/L	99
5) Vinyl chloride	2.373	62	177099	22.709	ug/L	99
6) Bromomethane	2.788	94	78996	18.319	ug/L	100
8) Chloroethane	2.928	64	111181	26.784	ug/L	97
9) Trichlorofluoromethane	3.269	101	169477	35.773	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	159815	26.372	ug/L	97
12) 1,1-Dichloroethene	4.050	96	150118	24.806	ug/L	89
13) Acetone	4.129	43	76472	54.442	ug/L	91
14) Carbon disulfide	4.391	76	430765	22.228	ug/L	99
15) Methyl Acetate	4.672	43	84648	27.076	ug/L	100
16) Methylene chloride	4.922	84	207842	22.491	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	165538	25.154	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	278299	30.608	ug/L	98
19) 1,1-Dichloroethane	6.220	63	317413	26.270	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	185026	26.582	ug/L	97
22) 2-Butanone	7.171	43	123405	56.778	ug/L	97
23) Bromochloromethane	7.519	128	87753	27.994	ug/L	97
25) Chloroform	7.677	83	334129	27.955	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	247753	30.810	ug/L	99
29) Cyclohexane	7.958	56	262028	22.141	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	255009	26.774	ug/L	100
31) Carbon tetrachloride	8.073	117	230609	26.024	ug/L	99
33) Benzene	8.329	78	716628	24.809	ug/L	100
34) Trichloroethene	9.092	95	178547	24.218	ug/L	94
35) Methylcyclohexane	9.335	83	307177	23.545	ug/L	96
37) 1,2-Dichloropropane	9.372	63	187278	25.584	ug/L	98
38) Bromodichloromethane	9.646	83	251628	27.722	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	295062	26.358	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	288495	62.443	ug/L	98
42) Toluene	10.390	91	781148	25.946	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	278157	28.248	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	151709	27.854	ug/L	97
46) Tetrachloroethene	10.866	164	136360	24.268	ug/L	97
48) 2-Hexanone	10.969	43	203793	64.764	ug/L	97
49) Dibromochloromethane	11.128	129	170170	29.052	ug/L	97
50) 1,2-Dibromoethane	11.237	107	144253	27.613	ug/L	97
51) Chlorobenzene	11.658	112	482901	25.507	ug/L	98
52) Ethylbenzene	11.731	91	842288	25.698	ug/L	99
53) m,p-Xylene	11.841	106	320124	25.844	ug/L	91
54) o-Xylene	12.164	106	311181	26.585	ug/L	97
55) Styrene	12.182	104	555375	27.384	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	205534	30.643	ug/L	99
59) Bromoform	12.347	173	100109	29.280	ug/L	99
60) Isopropylbenzene	12.463	105	823014	25.566	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	155019	29.543	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	708113	26.271	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	724203	26.665	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	375596	25.496	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	379638	26.080	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	349711	26.351	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	35700	31.177	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	259466	24.105	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	214935	23.883	ug/L	99
71) Naphthalene	15.365	128	554593	30.513	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	209894	26.044	ug/L	98

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

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