

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020618.D
 Acq On : 19 Oct 2021 20:23
 Operator : SY/VA
 Sample : M4263-18MS
 Misc : 5.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7G2MS

Quant Time: Oct 20 05:27:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 02:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	181146	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	155959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	60521	22.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
7) Chloroethane-d5	2.879	69	30053	21.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.320%
11) 1,1-Dichloroethene-d2	4.019	63	133292	24.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.720%
21) 2-Butanone-d5	7.080	46	47396	59.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.160%
24) Chloroform-d	7.647	84	158984	27.533	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.120%
26) 1,2-Dichloroethane-d4	8.305	65	87469	26.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.080%
32) Benzene-d6	8.275	84	292875	28.549	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.200%
36) 1,2-Dichloropropane-d6	9.275	67	97037	29.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.080%
41) Toluene-d8	10.323	98	253067	27.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.960%
43) trans-1,3-Dichloroprop...	10.579	79	37538	27.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.520%
47) 2-Hexanone-d5	10.927	63	33389	64.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.840%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	70334	27.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	58745	23.733	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	33323	28.467	ug/L	100
3) Chloromethane	2.215	50	66327	27.251	ug/L	97
5) Vinyl chloride	2.355	62	82417	24.075	ug/L	99
6) Bromomethane	2.770	94	28738	19.328	ug/L	96
8) Chloroethane	2.916	64	29280	23.163	ug/L	96
9) Trichlorofluoromethane	3.245	101	36048	18.507	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	74338	26.761	ug/L	99
12) 1,1-Dichloroethene	4.038	96	68040	26.715	ug/L	96
13) Acetone	4.123	43	60141	81.660	ug/L	99
14) Carbon disulfide	4.379	76	194190	23.441	ug/L	98
15) Methyl Acetate	4.678	43	33750	24.677	ug/L	99
16) Methylene chloride	4.916	84	74065	21.033	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	71234	26.658	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	113776	30.221	ug/L	99
19) 1,1-Dichloroethane	6.214	63	154866	28.271	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	78323	28.199	ug/L	96
22) 2-Butanone	7.171	43	51487	55.849	ug/L	98
23) Bromochloromethane	7.519	128	32984	27.076	ug/L	98
25) Chloroform	7.677	83	149839	28.136	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	100827	27.681	ug/L	99
29) Cyclohexane	7.958	56	132067	28.924	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	116527	30.076	ug/L	100
31) Carbon tetrachloride	8.067	117	99379	29.174	ug/L	98
33) Benzene	8.323	78	337121	30.348	ug/L	100
34) Trichloroethene	9.092	95	77693	28.390	ug/L	99
35) Methylcyclohexane	9.335	83	116915	24.965	ug/L	99
37) 1,2-Dichloropropane	9.366	63	87394	30.380	ug/L	99
38) Bromodichloromethane	9.646	83	105229	30.510	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	119319	30.063	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	110381	63.930	ug/L	99
42) Toluene	10.390	91	331672	29.767	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	102909	29.412	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	54088	29.284	ug/L	96
46) Tetrachloroethene	10.866	164	51543	26.222	ug/L	94
48) 2-Hexanone	10.969	43	77788	61.406	ug/L	99
49) Dibromochloromethane	11.128	129	60932	29.944	ug/L	95
50) 1,2-Dibromoethane	11.238	107	48815	28.773	ug/L	98
51) Chlorobenzene	11.658	112	181411	26.403	ug/L	97
52) Ethylbenzene	11.731	91	341904	28.297	ug/L	99
53) m,p-Xylene	11.841	106	124701	27.855	ug/L	96
54) o-Xylene	12.164	106	118160	28.580	ug/L	95
55) Styrene	12.183	104	189322	26.190	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	63819	27.872	ug/L	96
59) Bromoform	12.347	173	31528	35.567	ug/L	98
60) Isopropylbenzene	12.463	105	322598	34.735	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	48327	34.667	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	244374	32.227	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	235708	31.382	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	102824	25.588	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	105430	25.365	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	91813	24.939	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9943	33.579	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	51025	17.807	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	33028	14.557	ug/L	99
71) Naphthalene	15.365	128	55361	13.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	28442	14.272	ug/L	95

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

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