

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111622\
 Data File : VW025062.D
 Acq On : 16 Nov 2022 16:50
 Operator : SY/VA
 Sample : N5658-02MS
 Misc : 5.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQT3MS

Quant Time: Nov 17 00:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 00:39:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	434131	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	397708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	190110	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84060	17.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.000%
7) Chloroethane-d5	2.885	69	61536	21.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
11) 1,1-Dichloroethene-d2	4.019	63	207198	17.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.280%
21) 2-Butanone-d5	7.074	46	81495	49.554	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.100%
24) Chloroform-d	7.653	84	265167	20.126	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.520%
26) 1,2-Dichloroethane-d4	8.305	65	139705	18.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.760%
32) Benzene-d6	8.275	84	509656	19.993	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.960%
36) 1,2-Dichloropropane-d6	9.274	67	162583	21.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.080%
41) Toluene-d8	10.323	98	454287	19.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.560%
43) trans-1,3-Dichloroprop...	10.579	79	62782	18.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.840%
47) 2-Hexanone-d5	10.920	63	63673	49.350	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140003	23.475	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	144936	19.838	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	18202	12.570	ug/L	98
3) Chloromethane	2.215	50	79906	22.943	ug/L	97
5) Vinyl chloride	2.361	62	113115	23.506	ug/L	96
6) Bromomethane	2.776	94	51787	21.565	ug/L	97
8) Chloroethane	2.922	64	51861	25.835	ug/L	94
9) Trichlorofluoromethane	3.257	101	74924	18.560	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	117976	20.637	ug/L	97
12) 1,1-Dichloroethene	4.038	96	112379	20.868	ug/L	91
13) Acetone	4.123	43	66070	56.552	ug/L	98
14) Carbon disulfide	4.385	76	295393	18.778	ug/L	99
15) Methyl Acetate	4.678	43	57082	24.541	ug/L	99
16) Methylene chloride	4.922	84	145838	18.920	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	121919	21.143	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	212787	21.998	ug/L	98
19) 1,1-Dichloroethane	6.220	63	238547	22.344	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	138210	21.990	ug/L	99
22) 2-Butanone	7.171	43	83555	47.734	ug/L	97
23) Bromochloromethane	7.519	128	61741	22.660	ug/L	95
25) Chloroform	7.677	83	245204	21.762	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	155449	20.340	ug/L	98
29) Cyclohexane	7.958	56	196687	20.944	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	194531	19.988	ug/L	100
31) Carbon tetrachloride	8.067	117	173244	19.920	ug/L	100
33) Benzene	8.323	78	531148	22.178	ug/L	100
34) Trichloroethene	9.092	95	132869	20.957	ug/L	95
35) Methylcyclohexane	9.335	83	208034	19.311	ug/L	99
37) 1,2-Dichloropropane	9.366	63	137415	23.640	ug/L	100
38) Bromodichloromethane	9.646	83	181246	22.341	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	207051	22.532	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	164959	48.359	ug/L	99
42) Toluene	10.384	91	553740	21.778	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	181820	22.256	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	105669	24.076	ug/L	97
46) Tetrachloroethene	10.860	164	93161	20.547	ug/L	91
48) 2-Hexanone	10.969	43	112848	47.836	ug/L	99
49) Dibromochloromethane	11.128	129	122115	22.826	ug/L	96
50) 1,2-Dibromoethane	11.238	107	95337	22.968	ug/L	95
51) Chlorobenzene	11.658	112	360976	21.902	ug/L	96
52) Ethylbenzene	11.731	91	629417	21.445	ug/L	97
53) m,p-Xylene	11.841	106	242525	21.347	ug/L	91
54) o-Xylene	12.164	106	230147	21.473	ug/L	95
55) Styrene	12.176	104	400588	21.519	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	125846	23.902	ug/L	98
59) Bromoform	12.347	173	63995	23.800	ug/L	98
60) Isopropylbenzene	12.463	105	615866	21.547	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	91216	23.882	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	522715	21.068	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	510613	20.987	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	253417	21.258	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	250813	21.086	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	231457	21.594	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	19229	21.786	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	145059	18.372	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	116512	18.986	ug/L	99
71) Naphthalene	15.359	128	272289	21.033	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	99114	18.536	ug/L	97

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

