

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
 Data File : VW025194.D
 Acq On : 23 Dec 2022 14:05
 Operator : SY/MD
 Sample : N6171-05MSD
 Misc : 4.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBQC3MSD

Quant Time: Dec 23 22:02:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 21:59:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	629208	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	518059	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	206619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	144622	19.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.760%
7) Chloroethane-d5	2.879	69	102783	21.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	4.019	63	352421	22.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.720%
21) 2-Butanone-d5	7.074	46	176933	97.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	194.340%#
24) Chloroform-d	7.647	84	410627	25.282	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.120%
26) 1,2-Dichloroethane-d4	8.305	65	236313	28.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.760%
32) Benzene-d6	8.275	84	831917	27.382	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.520%
36) 1,2-Dichloropropane-d6	9.274	67	262155	29.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.640%
41) Toluene-d8	10.323	98	731866	26.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.280%
43) trans-1,3-Dichloroprop...	10.579	79	112866	30.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.880%
47) 2-Hexanone-d5	10.920	63	148363	114.390	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	228.780%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	248760	38.107	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.440%#
66) 1,2-Dichlorobenzene-d4	13.847	152	187486	26.771	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	80384	21.080	ug/L	98
3) Chloromethane	2.215	50	123661	18.417	ug/L	98
5) Vinyl chloride	2.355	62	146482	17.439	ug/L	99
6) Bromomethane	2.776	94	77811	17.878	ug/L	99
8) Chloroethane	2.916	64	69772	17.959	ug/L	99
9) Trichlorofluoromethane	3.251	101	108606	17.253	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	168449	20.259	ug/L	98
12) 1,1-Dichloroethene	4.038	96	164113	20.702	ug/L	92
13) Acetone	4.117	43	119667	63.931	ug/L	96
14) Carbon disulfide	4.385	76	451330	17.834	ug/L	100
15) Methyl Acetate	4.672	43	102159	33.438	ug/L	97
16) Methylene chloride	4.915	84	196190	19.950	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	169411	20.159	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	326832	26.210	ug/L	99
19) 1,1-Dichloroethane	6.214	63	323434	21.300	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	193731	21.802	ug/L	94
22) 2-Butanone	7.171	43	155692	66.114	ug/L	97
23) Bromochloromethane	7.513	128	88941	23.653	ug/L	96
25) Chloroform	7.671	83	322399	20.981	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	227610	23.526	ug/L	98
29) Cyclohexane	7.958	56	288642	22.003	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	261406	21.376	ug/L	98
31) Carbon tetrachloride	8.067	117	231900	20.623	ug/L	99
33) Benzene	8.323	78	723071	22.531	ug/L	100
34) Trichloroethene	9.092	95	179179	21.315	ug/L	94
35) Methylcyclohexane	9.335	83	280529	18.814	ug/L	98
37) 1,2-Dichloropropane	9.366	63	185855	24.011	ug/L	99
38) Bromodichloromethane	9.646	83	240563	23.526	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	295825	25.013	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	333919	84.155	ug/L	99
42) Toluene	10.384	91	731672	21.760	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	256832	25.357	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	152347	27.580	ug/L	98
46) Tetrachloroethene	10.860	164	126931	20.742	ug/L	93
48) 2-Hexanone	10.963	43	232471	80.211	ug/L	99
49) Dibromochloromethane	11.128	129	172102	25.943	ug/L	93
50) 1,2-Dibromoethane	11.231	107	149871	29.141	ug/L #	97
51) Chlorobenzene	11.658	112	433614	20.150	ug/L	99
52) Ethylbenzene	11.725	91	784396	20.585	ug/L	95
53) m,p-Xylene	11.835	106	291738	20.048	ug/L	95
54) o-Xylene	12.164	106	282760	20.388	ug/L	97
55) Styrene	12.176	104	451222	19.212	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	202192	31.300	ug/L	98
59) Bromoform	12.347	173	97675	34.424	ug/L	98
60) Isopropylbenzene	12.463	105	760520	24.013	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	154370	38.870	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	622236	22.936	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	594642	22.563	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	262455	20.242	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	263790	20.202	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	248494	21.976	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	36654	39.585	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	133709	14.523	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	110030	14.895	ug/L	100
71) Naphthalene	15.359	128	322126	22.244	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	105496	16.296	ug/L	96

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

