

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
 Data File : VW022652.D
 Acq On : 27 Apr 2022 19:08
 Operator : SY/VA
 Sample : N2562-20MSD
 Misc : 6.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW478MSD

Quant Time: Apr 28 01:14:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 28 01:10:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	368589	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338684	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	97245	11.934	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.720%		
7) Chloroethane-d5	2.885	69	80361	15.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	62.960%		
11) 1,1-Dichloroethene-d2	4.025	63	169248	16.014	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.040%		
21) 2-Butanone-d5	7.080	46	57013	40.077	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.160%		
24) Chloroform-d	7.647	84	236012	20.486	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.960%		
26) 1,2-Dichloroethane-d4	8.305	65	119114	18.095	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.400%		
32) Benzene-d6	8.275	84	388733	18.786	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.160%		
36) 1,2-Dichloropropane-d6	9.274	67	125068	20.886	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.560%		
41) Toluene-d8	10.323	98	354708	17.503	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.000%		
43) trans-1,3-Dichloroprop...	10.579	79	48494	17.160	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.640%		
47) 2-Hexanone-d5	10.920	63	46430	41.675	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.340%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	113217	22.236	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.960%		
66) 1,2-Dichlorobenzene-d4	13.847	152	122477	21.624	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	37025	20.492	ug/L	94
3) Chloromethane	2.221	50	88861	19.726	ug/L	99
5) Vinyl chloride	2.361	62	186805	19.873	ug/L	94
6) Bromomethane	2.782	94	109283	19.125	ug/L	98
8) Chloroethane	2.922	64	89620	21.778	ug/L	94
9) Trichlorofluoromethane	3.257	101	95541	27.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	129503	23.435	ug/L	95
12) 1,1-Dichloroethene	4.038	96	119248	24.028	ug/L	85
13) Acetone	4.123	43	50632	52.274	ug/L	91
14) Carbon disulfide	4.385	76	284130	17.403	ug/L	99
15) Methyl Acetate	4.672	43	42497	17.484	ug/L	95
16) Methylene chloride	4.915	84	162459	29.292	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	132075	22.718	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	202444	21.321	ug/L #	85
19) 1,1-Dichloroethane	6.220	63	240186	22.642	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	148557	24.194	ug/L #	90
22) 2-Butanone	7.171	43	66681	45.582	ug/L	98
23) Bromochloromethane	7.513	128	63463	24.016	ug/L	94
25) Chloroform	7.677	83	271642	24.313	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	162343	20.673	ug/L	97
29) Cyclohexane	7.958	56	180845	18.656	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	228368	24.308	ug/L	97
31) Carbon tetrachloride	8.067	117	202834	24.055	ug/L	98
33) Benzene	8.323	78	551353	23.978	ug/L	100
34) Trichloroethene	9.092	95	145990	23.712	ug/L	95
35) Methylcyclohexane	9.335	83	208987	18.919	ug/L	94
37) 1,2-Dichloropropane	9.372	63	133439	24.223	ug/L	100
38) Bromodichloromethane	9.646	83	190453	24.042	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	203742	23.308	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	133247	39.635	ug/L	95
42) Toluene	10.390	91	615400	23.356	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	171424	21.902	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	102090	24.283	ug/L	91
46) Tetrachloroethene	10.860	164	100438	22.193	ug/L	95
48) 2-Hexanone	10.969	43	103365	43.582	ug/L	95
49) Dibromochloromethane	11.128	129	125123	24.955	ug/L	91
50) 1,2-Dibromoethane	11.238	107	95083	22.904	ug/L	96
51) Chlorobenzene	11.658	112	385704	23.954	ug/L	94
52) Ethylbenzene	11.731	91	668370	22.630	ug/L	95
53) m,p-Xylene	11.835	106	264441	23.548	ug/L	90
54) o-Xylene	12.164	106	253933	23.663	ug/L	97
55) Styrene	12.176	104	422355	23.036	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	112677	21.836	ug/L	99
59) Bromoform	12.347	173	60532	25.475	ug/L	98
60) Isopropylbenzene	12.463	105	685689	25.814	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	80733	23.734	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	359795	24.629	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	541425	24.373	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	257697	23.904	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	260023	24.185	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	227583	23.605	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	15694	19.894	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	136047	19.342	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	93684	15.859	ug/L	94
71) Naphthalene	15.365	128	229049	18.384	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	77844	15.417	ug/L	97

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

