

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029956.D
 Acq On : 20 Aug 2024 13:45
 Operator : SY/MD
 Sample : P3626-11MSD
 Misc : 4.94g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYB8MSD

Quant Time: Aug 21 00:45:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	365045	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	336023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	75211	14.513	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.040%		
7) Chloroethane-d5	2.905	69	70157	18.962	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.840%		
11) 1,1-Dichloroethene-d2	4.027	65	34833	14.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.880%		
21) 2-Butanone-d5	7.075	46	45637	32.129	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.260%		
24) Chloroform-d	7.648	84	198467	21.002	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	8.307	65	105540	19.608	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.440%		
32) Benzene-d6	8.276	84	348440	19.192	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.760%		
36) 1,2-Dichloropropane-d6	9.270	67	110856	19.122	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.480%		
41) Toluene-d8	10.325	98	320787	19.871	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.480%		
43) trans-1,3-Dichloroprop...	10.575	79	46499	19.822	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.280%		
47) 2-Hexanone-d5	10.922	63	37249	38.966	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.940%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89954	20.897	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.600%		
66) 1,2-Dichlorobenzene-d4	13.848	152	97378	20.418	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	50825	10.329	ug/L	93
3) Chloromethane	2.222	50	62024	10.187	ug/L	99
5) Vinyl chloride	2.375	62	79383	11.635	ug/L	99
6) Bromomethane	2.789	94	56658	15.124	ug/L	98
8) Chloroethane	2.942	64	52998	13.655	ug/L	96
9) Trichlorofluoromethane	3.271	101	71986	13.210	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	66164	12.190	ug/L	96
12) 1,1-Dichloroethene	4.045	96	62230	12.478	ug/L	86
13) Acetone	4.118	43	62967	35.671	ug/L	95
14) Carbon disulfide	4.399	76	170851	10.295	ug/L	99
15) Methyl Acetate	4.673	43	30151m	10.255	ug/L	
16) Methylene chloride	4.917	84	81730	10.710	ug/L	86
17) trans-1,2-Dichloroethene	5.435	96	71865	13.373	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	125593	14.180	ug/L	99
19) 1,1-Dichloroethane	6.216	63	150319	13.262	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	86593	14.855	ug/L	93
22) 2-Butanone	7.173	43	40336	17.834	ug/L	85
23) Bromochloromethane	7.520	128	37122	15.000	ug/L #	78
25) Chloroform	7.679	83	166827	15.622	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108952	14.000	ug/L	98
29) Cyclohexane	7.959	56	89122	9.333	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	123918	14.563	ug/L	97
31) Carbon tetrachloride	8.075	117	107391	14.006	ug/L	99
33) Benzene	8.325	78	323831	14.065	ug/L	100
34) Trichloroethene	9.093	95	85338	14.139	ug/L	93
35) Methylcyclohexane	9.337	83	108585	10.797	ug/L	94
37) 1,2-Dichloropropane	9.367	63	87573	13.880	ug/L	98
38) Bromodichloromethane	9.642	83	117865	15.688	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	133196	14.496	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	96747	24.141	ug/L #	93
42) Toluene	10.386	91	355989	15.148	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	113005	14.815	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	64708	15.266	ug/L	95
46) Tetrachloroethene	10.861	164	57309	13.064	ug/L	90
48) 2-Hexanone	10.965	43	68301	22.756	ug/L #	92
49) Dibromochloromethane	11.123	129	70745	16.078	ug/L	97
50) 1,2-Dibromoethane	11.233	107	58477	14.911	ug/L	87
51) Chlorobenzene	11.654	112	219703	15.030	ug/L	93
52) Ethylbenzene	11.727	91	391831	14.781	ug/L	99
53) m,p-Xylene	11.830	106	140104	14.371	ug/L	95
54) o-Xylene	12.166	106	137953	15.366	ug/L	97
55) Styrene	12.178	104	235309	15.121	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	78105	15.013	ug/L	95
59) Bromoform	12.349	173	38290	16.567	ug/L	98
60) Isopropylbenzene	12.458	105	371816	15.644	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55559	14.873	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	296553	16.786	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	286714	15.175	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	150328	14.824	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	155609	14.939	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	143115	15.502	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11802	13.914	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	89626	12.918	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	67172	11.492	ug/L	95
71) Naphthalene	15.360	128	129679	11.627	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	60252	11.389	ug/L	98

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

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