

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031299.D
 Acq On : 17 Dec 2024 03:25
 Operator : SY/MD
 Sample : P5155-19MSD
 Misc : 3.73g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28W2MSD

Quant Time: Dec 17 06:23:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1135259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	788195	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	253047	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	262871	15.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.560%
7) Chloroethane-d5	2.893	69	221831	17.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	4.009	65	125818	15.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.120%
21) 2-Butanone-d5	7.093	46	98153	30.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.020%
24) Chloroform-d	7.642	84	574122	18.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.840%
26) 1,2-Dichloroethane-d4	8.301	65	311842	19.962	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.840%
32) Benzene-d6	8.270	84	1087751	21.532	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	9.270	67	338978	23.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.319	98	854801	18.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.760%
43) trans-1,3-Dichloroprop...	10.575	79	119249	17.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.280%
47) 2-Hexanone-d5	10.922	63	77173	38.975	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	208663	22.572	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	167839	17.866	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	157065	15.308	ug/L	94
3) Chloromethane	2.228	50	198326	17.206	ug/L	96
5) Vinyl chloride	2.369	62	212152	13.281	ug/L	97
6) Bromomethane	2.783	94	108991	11.098	ug/L	99
8) Chloroethane	2.930	64	135820	14.298	ug/L	99
9) Trichlorofluoromethane	3.253	101	278021	16.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	187002	13.609	ug/L	99
12) 1,1-Dichloroethene	4.039	96	181257	13.024	ug/L	97
13) Acetone	4.173	43	92017	20.540	ug/L #	100
14) Carbon disulfide	4.381	76	487917	10.750	ug/L	100
15) Methyl Acetate	4.679	43	64139	12.605	ug/L	100
16) Methylene chloride	4.911	84	209937	14.697	ug/L	98
17) trans-1,2-Dichloroethene	5.417	96	202220	13.480	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	418909	16.703	ug/L	99
19) 1,1-Dichloroethane	6.209	63	418624	14.933	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	234022	14.418	ug/L	98
22) 2-Butanone	7.185	43	126281	23.264	ug/L	98
23) Bromochloromethane	7.508	128	104165	16.092	ug/L	90
25) Chloroform	7.673	83	413502	14.945	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	272177	15.648	ug/L	98
29) Cyclohexane	7.953	56	280807	13.137	ug/L	98
30) 1,1,1-Trichloroethane	7.862	97	324023	15.905	ug/L	99
31) Carbon tetrachloride	8.063	117	269953	14.873	ug/L	99
33) Benzene	8.319	78	836783	17.179	ug/L	100
34) Trichloroethene	9.087	95	201984	14.688	ug/L	94
35) Methylcyclohexane	9.331	83	247711	10.344	ug/L	99
37) 1,2-Dichloropropane	9.361	63	220616	18.156	ug/L	100
38) Bromodichloromethane	9.642	83	272817	17.270	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	278894	13.583	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	221781	34.402	ug/L	100
42) Toluene	10.386	91	767824	14.479	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	236680	14.117	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	152060	18.814	ug/L	97
46) Tetrachloroethene	10.861	164	114833	11.400	ug/L	90
48) 2-Hexanone	10.965	43	145941	26.618	ug/L	100
49) Dibromochloromethane	11.123	129	161773	16.886	ug/L	97
50) 1,2-Dibromoethane	11.233	107	133842	17.481	ug/L	99
51) Chlorobenzene	11.654	112	434509	13.068	ug/L	97
52) Ethylbenzene	11.727	91	721183	11.734	ug/L	96
53) m,p-Xylene	11.830	106	269011	11.497	ug/L	100
54) o-Xylene	12.160	106	289137	13.112	ug/L	100
55) Styrene	12.172	104	441449	12.035	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	157984	18.133	ug/L	98
59) Bromoform	12.349	173	75832	21.332	ug/L	97
60) Isopropylbenzene	12.458	105	616584	14.890	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	118723	27.418	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	496764	14.150	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	481888	14.201	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	207408	12.362	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	211130	12.701	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	211654	14.641	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	25173	22.909	ug/L	94
69) 1,3,5-Trichlorobenzene	14.617	180	88784	7.556	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	66275	6.780	ug/L	98
71) Naphthalene	15.354	128	256275	14.955	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	63648	8.082	ug/L	98

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

