

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
 Data File : VW028125.D
 Acq On : 07 Mar 2024 14:32
 Operator : SY/MD
 Sample : P1638-05MSD
 Misc : 4.33g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCNO4MSD

Quant Time: Mar 08 00:18:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 00:16:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	259168	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	223542	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98983	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50775	16.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.640%
7) Chloroethane-d5	2.899	69	46027	19.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.840%
11) 1,1-Dichloroethene-d2	4.021	65	22465	17.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.120%
21) 2-Butanone-d5	7.075	46	15376	34.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.680%
24) Chloroform-d	7.648	84	115183	20.983	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	8.307	65	59588	23.325	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.280%
32) Benzene-d6	8.276	84	215964	20.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	9.270	67	60549	22.457	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	10.325	98	183690	18.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.720%
43) trans-1,3-Dichloroprop...	10.575	79	20921	17.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.840%
47) 2-Hexanone-d5	10.922	63	14241	37.499	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	48736	22.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	54836	18.628	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.520%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	29132m	11.002	ug/L	
3) Chloromethane	2.223	50	38573	15.322	ug/L	98
5) Vinyl chloride	2.375	62	43309	12.344	ug/L	100
6) Bromomethane	2.790	94	40567	14.493	ug/L	99
8) Chloroethane	2.936	64	34727	15.761	ug/L	97
9) Trichlorofluoromethane	3.271	101	37016	11.312	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	35864	10.542	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	41920	13.012	ug/L	86
13) Acetone	4.119	43	19551	31.694	ug/L	97
14) Carbon disulfide	4.387	76	111218	11.333	ug/L	99
15) Methyl Acetate	4.673	43	15898	18.234	ug/L	100
16) Methylene chloride	4.917	84	75170	21.085	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	54251	15.759	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	120397	28.557	ug/L	99
19) 1,1-Dichloroethane	6.216	63	105958	19.466	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	72169	19.920	ug/L	95
22) 2-Butanone	7.167	43	27041	39.251	ug/L	99
23) Bromochloromethane	7.514	128	39072	22.973	ug/L	94
25) Chloroform	7.679	83	128225	21.091	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	87816	24.291	ug/L	100
29) Cyclohexane	7.953	56	39565	9.204	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	81811	16.391	ug/L	98
31) Carbon tetrachloride	8.069	117	62660	13.444	ug/L	98
33) Benzene	8.325	78	236880	19.615	ug/L	100
34) Trichloroethene	9.093	95	55284	15.624	ug/L	91
35) Methylcyclohexane	9.337	83	45200	7.892	ug/L	99
37) 1,2-Dichloropropane	9.368	63	64018	22.763	ug/L	100
38) Bromodichloromethane	9.642	83	93706	23.068	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	83498	18.054	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	63694	57.021	ug/L	99
42) Toluene	10.386	91	235311	17.244	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	75079	19.984	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	60181	25.515	ug/L	99
46) Tetrachloroethene	10.861	164	35092	11.833	ug/L	90
48) 2-Hexanone	10.965	43	44044	48.765	ug/L	93
49) Dibromochloromethane	11.129	129	65286	23.810	ug/L	94
50) 1,2-Dibromoethane	11.233	107	52376	23.056	ug/L	98
51) Chlorobenzene	11.654	112	164500	18.067	ug/L	99
52) Ethylbenzene	11.727	91	232548	14.906	ug/L	97
53) m,p-Xylene	11.837	106	85229	14.080	ug/L	89
54) o-Xylene	12.160	106	95028	16.588	ug/L	92
55) Styrene	12.178	104	158069	16.179	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	64047	25.184	ug/L	99
59) Bromoform	12.343	173	36288	25.860	ug/L	95
60) Isopropylbenzene	12.465	105	283096	20.847	ug/L #	37
61) 1,2,3-Trichloropropane	12.763	75	46813	30.766	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	144917	16.277	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	182132	17.155	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	112489	17.924	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	114052	18.001	ug/L	82
67) 1,2-Dichlorobenzene	13.861	146	105158	18.602	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.476	75	10007	31.312	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	64101	13.841	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	55217	14.846	ug/L	95
71) Naphthalene	15.360	128	131021	21.539	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	46562	14.970	ug/L	97

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

