

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
 Data File : VW031676.D
 Acq On : 31 Jan 2025 19:22
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV463

Quant Time: Feb 03 08:02:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:53:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	484858	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140900	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	160287	21.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
7) Chloroethane-d5	2.893	69	109325	21.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	4.021	65	79292	21.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.160%
21) 2-Butanone-d5	7.087	46	107173	44.723	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.440%
24) Chloroform-d	7.648	84	224883	21.340	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.360%
26) 1,2-Dichloroethane-d4	8.300	65	83754	20.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	8.270	84	512260	22.195	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	9.270	67	123548	21.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	10.318	98	464346	22.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.574	79	35666	21.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.920%
47) 2-Hexanone-d5	10.922	63	51127	48.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.240%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	88058	22.088	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	105603	22.946	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	188922	27.554	ug/L	94
3) Chloromethane	2.216	50	150282	22.993	ug/L	95
5) Vinyl chloride	2.375	62	231205	25.682	ug/L	96
6) Bromomethane	2.789	94	96689	23.639	ug/L	95
8) Chloroethane	2.929	64	114009	26.002	ug/L	92
9) Trichlorofluoromethane	3.259	101	199464	28.311	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	221971	27.955	ug/L	95
12) 1,1-Dichloroethene	4.039	96	201042	26.270	ug/L	96
13) Acetone	4.143	43	78328	40.834	ug/L	100
14) Carbon disulfide	4.393	76	622501	26.689	ug/L	99
15) Methyl Acetate	4.679	43	74324	22.048	ug/L #	100
16) Methylene chloride	4.929	84	110711	21.759	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	189661	24.948	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	147710	22.626	ug/L	100
19) 1,1-Dichloroethane	6.215	63	289485	24.643	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	155469	23.715	ug/L	98
22) 2-Butanone	7.179	43	117824	41.273	ug/L	99
23) Bromochloromethane	7.514	128	47044	22.144	ug/L	85
25) Chloroform	7.672	83	248011	23.723	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	113641	22.476	ug/L	95
29) Cyclohexane	7.953	56	448849	29.092	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	291355	27.320	ug/L	99
31) Carbon tetrachloride	8.063	117	277667	27.702	ug/L	99
33) Benzene	8.319	78	656732	24.432	ug/L	100
34) Trichloroethene	9.093	95	202824	25.580	ug/L	95
35) Methylcyclohexane	9.331	83	470664	29.751	ug/L	100
37) 1,2-Dichloropropane	9.367	63	129459	23.918	ug/L	100
38) Bromodichloromethane	9.642	83	136311	24.184	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	159972	23.789	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	164904	46.052	ug/L	98
42) Toluene	10.385	91	706904	25.200	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	117687	24.056	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	73262	22.624	ug/L	97
46) Tetrachloroethene	10.861	164	157877	26.781	ug/L	93
48) 2-Hexanone	10.965	43	126133	46.886	ug/L	95
49) Dibromochloromethane	11.123	129	70496	23.521	ug/L	91
50) 1,2-Dibromoethane	11.233	107	72852	23.291	ug/L	93
51) Chlorobenzene	11.653	112	362012	24.106	ug/L	97
52) Ethylbenzene	11.727	91	857174	26.495	ug/L	98
53) m,p-Xylene	11.836	106	313515	26.772	ug/L	96
54) o-Xylene	12.159	106	253352	25.394	ug/L	94
55) Styrene	12.178	104	378514	24.585	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	95561	22.717	ug/L	99
59) Bromoform	12.348	173	37083	23.902	ug/L	100
60) Isopropylbenzene	12.458	105	909400	27.942	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74998	23.334	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	653626	27.315	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	579889	26.976	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	253096	25.599	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	242500	24.881	ug/L	90
67) 1,2-Dichlorobenzene	13.860	146	194158	23.999	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	21566	24.359	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	175360	25.429	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	121553	24.147	ug/L	96
71) Naphthalene	15.354	128	250918	24.373	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	104880	25.563	ug/L	93

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

