

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102723\
 Data File : VW027472.D
 Acq On : 27 Oct 2023 17:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Quant Time: Oct 30 01:57:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	321885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	177030	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	89256	17.374	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.480%
7) Chloroethane-d5	2.899	69	78662	21.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	4.027	65	44925	17.452	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.800%
21) 2-Butanone-d5	7.081	46	76102	44.568	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.140%
24) Chloroform-d	7.648	84	235439	23.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.880%
26) 1,2-Dichloroethane-d4	8.307	65	121995	22.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.560%
32) Benzene-d6	8.276	84	448615	20.600	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	9.276	67	150269	22.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.325	98	393050	19.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	10.574	79	51637	17.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.120%
47) 2-Hexanone-d5	10.922	63	57813	42.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	117150	23.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	129472	20.182	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	80830	20.181	ug/L #	79
3) Chloromethane	2.228	50	124075	26.956	ug/L	95
5) Vinyl chloride	2.381	62	131104	25.499	ug/L	96
6) Bromomethane	2.789	94	74177	25.329	ug/L	97
8) Chloroethane	2.936	64	81144	27.417	ug/L	99
9) Trichlorofluoromethane	3.265	101	100524	27.713	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	115577	25.446	ug/L	97
12) 1,1-Dichloroethene	4.045	96	108557	24.593	ug/L	88
13) Acetone	4.131	43	62587	42.437	ug/L	100
14) Carbon disulfide	4.393	76	279813	20.448	ug/L	99
15) Methyl Acetate	4.673	43	63276	25.120	ug/L	98
16) Methylene chloride	4.917	84	139435	22.629	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	120571	25.416	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	212933	26.016	ug/L	99
19) 1,1-Dichloroethane	6.222	63	273388	28.246	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	143916	26.863	ug/L	94
22) 2-Butanone	7.173	43	89951	40.748	ug/L	98
23) Bromochloromethane	7.514	128	57637	26.059	ug/L	93
25) Chloroform	7.679	83	257745	28.453	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	169320	27.516	ug/L	100
29) Cyclohexane	7.959	56	217565	22.261	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	197415	25.143	ug/L	99
31) Carbon tetrachloride	8.075	117	166126	23.464	ug/L	100
33) Benzene	8.325	78	554300	26.350	ug/L	100
34) Trichloroethene	9.093	95	143855	25.888	ug/L	98
35) Methylcyclohexane	9.337	83	225003	22.643	ug/L	99
37) 1,2-Dichloropropane	9.367	63	158676	27.897	ug/L	99
38) Bromodichloromethane	9.642	83	182214	26.052	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	223009	23.735	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	190761	48.767	ug/L	98
42) Toluene	10.386	91	577640	26.176	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	182622	23.035	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	106424	27.190	ug/L	97
46) Tetrachloroethene	10.861	164	98567	25.689	ug/L	85
48) 2-Hexanone	10.965	43	134924	46.602	ug/L	98
49) Dibromochloromethane	11.123	129	104978	24.150	ug/L	91
50) 1,2-Dibromoethane	11.233	107	93263	24.576	ug/L	92
51) Chlorobenzene	11.654	112	371966	26.917	ug/L	98
52) Ethylbenzene	11.727	91	676515	26.381	ug/L	96
53) m,p-Xylene	11.836	106	248309	25.529	ug/L	96
54) o-Xylene	12.160	106	245098	26.314	ug/L	98
55) Styrene	12.178	104	424556	26.689	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	124680	26.094	ug/L	96
59) Bromoform	12.349	173	54483	20.683	ug/L	99
60) Isopropylbenzene	12.458	105	682438	24.539	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	90714	23.468	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	563754	24.302	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	545936	24.053	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	286768	25.428	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	286161	25.409	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	254589	25.440	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	19447	20.130	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	188887	25.801	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	150886	24.215	ug/L	100
71) Naphthalene	15.360	128	288793	22.537	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	129122	25.200	ug/L	94

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

