

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021224\
 Data File : VW027986.D
 Acq On : 12 Feb 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Feb 12 23:57:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 09 22:30:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	321366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290187	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	82381	21.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.560%
7) Chloroethane-d5	2.899	69	70889	24.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.320%
11) 1,1-Dichloroethene-d2	4.021	65	35177	21.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.081	46	30223	51.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.360%
24) Chloroform-d	7.648	84	176374	23.472	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.880%
26) 1,2-Dichloroethane-d4	8.301	65	80495	23.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.880%
32) Benzene-d6	8.276	84	359127	23.131	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	9.270	67	100034	23.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	10.318	98	347958	23.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.680%
43) trans-1,3-Dichloroprop...	10.575	79	41665	24.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.280%
47) 2-Hexanone-d5	10.922	63	29055	50.743	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78675	25.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	117893	23.059	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	62163	22.462	ug/L	94
3) Chloromethane	2.222	50	61921	20.374	ug/L	99
5) Vinyl chloride	2.375	62	90744	22.029	ug/L	97
6) Bromomethane	2.789	94	64216	22.062	ug/L	100
8) Chloroethane	2.936	64	57086	24.527	ug/L	99
9) Trichlorofluoromethane	3.265	101	78693	21.020	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85983	22.786	ug/L	98
12) 1,1-Dichloroethene	4.045	96	83031	23.653	ug/L	93
13) Acetone	4.143	43	27069	47.599	ug/L	90
14) Carbon disulfide	4.387	76	219974	21.166	ug/L	99
15) Methyl Acetate	4.679	43	23332	24.645	ug/L	# 76
16) Methylene chloride	4.917	84	80895	20.139	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	85828	22.757	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	106034	23.715	ug/L	100
19) 1,1-Dichloroethane	6.222	63	144142	23.526	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	96890	24.328	ug/L	98
22) 2-Butanone	7.179	43	33851	51.566	ug/L	97
23) Bromochloromethane	7.514	128	41446	23.428	ug/L	87
25) Chloroform	7.679	83	157271	23.877	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89455	24.388	ug/L	98
29) Cyclohexane	7.953	56	117197	22.659	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	133782	23.882	ug/L	99
31) Carbon tetrachloride	8.069	117	124476	24.019	ug/L	99
33) Benzene	8.325	78	337677	23.298	ug/L	100
34) Trichloroethene	9.087	95	94795	22.783	ug/L	99
35) Methylcyclohexane	9.337	83	157762	23.042	ug/L	98
37) 1,2-Dichloropropane	9.367	63	81329	23.879	ug/L	100
38) Bromodichloromethane	9.642	83	110990	24.414	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	131373	24.065	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	64876	50.468	ug/L	99
42) Toluene	10.386	91	381958	23.504	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	106245	24.521	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	65529	24.308	ug/L	99
46) Tetrachloroethene	10.861	164	78701	22.480	ug/L	95
48) 2-Hexanone	10.965	43	49362	50.697	ug/L	97
49) Dibromochloromethane	11.123	129	75940	24.709	ug/L	87
50) 1,2-Dibromoethane	11.233	107	60213	23.929	ug/L	93
51) Chlorobenzene	11.654	112	249824	23.114	ug/L	99
52) Ethylbenzene	11.727	91	434155	23.696	ug/L	100
53) m,p-Xylene	11.836	106	171050	23.805	ug/L	99
54) o-Xylene	12.160	106	163405	24.247	ug/L	96
55) Styrene	12.178	104	274731	24.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	70271	24.342	ug/L	93
59) Bromoform	12.349	173	44410	25.013	ug/L	98
60) Isopropylbenzene	12.458	105	456884	24.326	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	48218	24.019	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	379551	25.253	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	359034	24.412	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	207787	24.083	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	206014	23.484	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	183059	24.022	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	9998	25.085	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	151011	24.374	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	121785	24.342	ug/L	100
71) Naphthalene	15.354	128	196915	25.328	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	100542	24.087	ug/L	98

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

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