

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027963.D
 Acq On : 05 Feb 2024 18:55
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Quant Time: Feb 06 04:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 04:06:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	344057	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	321218	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	164424	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81524	20.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
7) Chloroethane-d5	2.899	69	73828	24.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	4.027	65	38561	22.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.075	46	46868	74.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.700%#
24) Chloroform-d	7.648	84	202401	25.159	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.640%
26) 1,2-Dichloroethane-d4	8.301	65	105839	29.130	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.520%
32) Benzene-d6	8.270	84	402386	23.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.270	67	112655	24.176	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.319	98	386824	23.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	10.575	79	53638	27.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.960%
47) 2-Hexanone-d5	10.922	63	48194	76.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.080%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108105	31.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.160%#
66) 1,2-Dichlorobenzene-d4	13.849	152	142957	25.580	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	65654	22.159	ug/L	98
3) Chloromethane	2.229	50	64705	19.886	ug/L	97
5) Vinyl chloride	2.375	62	84115	19.073	ug/L	99
6) Bromomethane	2.790	94	70241	22.541	ug/L	99
8) Chloroethane	2.936	64	58448	23.456	ug/L	97
9) Trichlorofluoromethane	3.265	101	79628	19.867	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	85934	21.271	ug/L #	82
12) 1,1-Dichloroethene	4.045	96	84024	22.357	ug/L	93
13) Acetone	4.131	43	39790	65.353	ug/L	94
14) Carbon disulfide	4.393	76	219135	19.695	ug/L	99
15) Methyl Acetate	4.679	43	34462	34.000	ug/L	99
16) Methylene chloride	4.923	84	100910	23.465	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	94960	23.518	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	143655	30.011	ug/L	99
19) 1,1-Dichloroethane	6.216	63	159011	24.241	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	105860	24.827	ug/L	93
22) 2-Butanone	7.173	43	51289	72.977	ug/L	96
23) Bromochloromethane	7.508	128	51399	27.138	ug/L	89
25) Chloroform	7.673	83	180715	25.627	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114948	29.271	ug/L	96
29) Cyclohexane	7.953	56	125029	21.838	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	143977	23.219	ug/L	99
31) Carbon tetrachloride	8.063	117	134724	23.485	ug/L	99
33) Benzene	8.319	78	371494	23.155	ug/L	100
34) Trichloroethene	9.087	95	105836	22.979	ug/L	99
35) Methylcyclohexane	9.331	83	168262	22.201	ug/L	99
37) 1,2-Dichloropropane	9.368	63	91465	24.261	ug/L	100
38) Bromodichloromethane	9.642	83	131429	26.117	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	158791	26.278	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	102764	72.218	ug/L	99
42) Toluene	10.386	91	420547	23.379	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	133768	27.891	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	83134	27.859	ug/L	98
46) Tetrachloroethene	10.855	164	85986	22.188	ug/L	95
48) 2-Hexanone	10.965	43	77310	71.730	ug/L	99
49) Dibromochloromethane	11.123	129	93269	27.416	ug/L	94
50) 1,2-Dibromoethane	11.233	107	82017	29.446	ug/L	91
51) Chlorobenzene	11.654	112	287409	24.023	ug/L	98
52) Ethylbenzene	11.727	91	482505	23.791	ug/L	98
53) m,p-Xylene	11.837	106	183663	23.091	ug/L	94
54) o-Xylene	12.160	106	182400	24.451	ug/L	94
55) Styrene	12.178	104	316234	25.451	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	99039	30.993	ug/L	97
59) Bromoform	12.343	173	58380	30.082	ug/L #	38
60) Isopropylbenzene	12.459	105	495570	24.139	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69013	31.450	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	413107	25.145	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	411088	25.571	ug/L	99
64) 1,3-Dichlorobenzene	13.489	146	222494	23.592	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	235136	24.522	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	209262	25.122	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	15570	35.738	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	166176	24.538	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	141915	25.950	ug/L	97
71) Naphthalene	15.360	128	288906	33.996	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	128215	28.101	ug/L	96

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

