

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021424\
 Data File : VW027995.D
 Acq On : 14 Feb 2024 09:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Feb 15 00:27:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 13 00:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	254992	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	237667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126049	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	69632	23.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.280%
7) Chloroethane-d5	2.899	69	59516	26.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
11) 1,1-Dichloroethene-d2	4.021	65	29577	23.145	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.600%
21) 2-Butanone-d5	7.075	46	27471	59.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.400%
24) Chloroform-d	7.648	84	156426	26.236	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	8.307	65	70376	26.135	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.520%
32) Benzene-d6	8.276	84	307040	24.146	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	9.270	67	83242	24.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.560%
41) Toluene-d8	10.319	98	299699	24.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.520%
43) trans-1,3-Dichloroprop...	10.575	79	35678	25.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.640%
47) 2-Hexanone-d5	10.916	63	26225	55.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68023	26.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	102606	23.949	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53812	24.506	ug/L	92
3) Chloromethane	2.222	50	51396	21.313	ug/L	97
5) Vinyl chloride	2.375	62	76476	23.397	ug/L	100
6) Bromomethane	2.796	94	53129	23.004	ug/L	99
8) Chloroethane	2.936	64	48517	26.271	ug/L	93
9) Trichlorofluoromethane	3.271	101	66086	22.247	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	74877	25.008	ug/L #	67
12) 1,1-Dichloroethene	4.045	96	67383	24.192	ug/L	97
13) Acetone	4.118	43	28637	63.464	ug/L	96
14) Carbon disulfide	4.387	76	185885	22.542	ug/L	100
15) Methyl Acetate	4.667	43	19861	26.439	ug/L	97
16) Methylene chloride	4.917	84	71836	22.539	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	71652	23.943	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	92294	26.015	ug/L	100
19) 1,1-Dichloroethane	6.216	63	123810	25.468	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	79853	25.269	ug/L	98
22) 2-Butanone	7.167	43	31039	59.590	ug/L	99
23) Bromochloromethane	7.514	128	35680	25.419	ug/L	92
25) Chloroform	7.673	83	136144	26.050	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	77893	26.764	ug/L	98
29) Cyclohexane	7.959	56	100619	23.753	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	116500	25.393	ug/L	99
31) Carbon tetrachloride	8.069	117	108448	25.551	ug/L	99
33) Benzene	8.325	78	286000	24.093	ug/L	100
34) Trichloroethene	9.087	95	80975	23.762	ug/L	93
35) Methylcyclohexane	9.337	83	131429	23.438	ug/L	99
37) 1,2-Dichloropropane	9.368	63	69108	24.775	ug/L	100
38) Bromodichloromethane	9.642	83	96057	25.798	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	113764	25.445	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	57553	54.665	ug/L	99
42) Toluene	10.386	91	324562	24.386	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	90888	25.612	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	55072	24.943	ug/L	96
46) Tetrachloroethene	10.861	164	64369	22.449	ug/L	96
48) 2-Hexanone	10.965	43	46173	57.901	ug/L	97
49) Dibromochloromethane	11.129	129	65196	25.901	ug/L	97
50) 1,2-Dibromoethane	11.233	107	52290	25.373	ug/L	88
51) Chlorobenzene	11.654	112	215425	24.336	ug/L	98
52) Ethylbenzene	11.727	91	370246	24.673	ug/L	95
53) m,p-Xylene	11.837	106	144684	24.585	ug/L	99
54) o-Xylene	12.160	106	135287	24.511	ug/L	96
55) Styrene	12.178	104	237601	25.845	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	60500	25.588	ug/L	96
59) Bromoform	12.349	173	37533	25.228	ug/L	100
60) Isopropylbenzene	12.458	105	382911	24.330	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	42533	25.284	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	312768	24.834	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	309192	25.088	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	179972	24.893	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	179695	24.445	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	158055	24.751	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	9073	27.166	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	127070	24.476	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	101003	24.092	ug/L	96
71) Naphthalene	15.360	128	167270	25.676	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88248	25.230	ug/L	98

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

