

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020624\
 Data File : VW027965.D
 Acq On : 06 Feb 2024 09:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025597

Quant Time: Feb 06 23:45:03 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	8.843	114	357660	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	325510	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	166407	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	88444	21.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
7) Chloroethane-d5	2.905	69	76378	24.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	4.021	65	38584	21.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.120%
21) 2-Butanone-d5	7.087	46	28460	43.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.460%
24) Chloroform-d	7.654	84	182735	21.851	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	8.306	65	82077	21.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.920%
32) Benzene-d6	8.276	84	368287	21.147	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	9.270	67	97097	20.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.240%
41) Toluene-d8	10.324	98	359390	21.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	10.580	79	41392	21.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.280%
47) 2-Hexanone-d5	10.922	63	28397	44.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74246	21.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	119172	21.070	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	68268	22.165	ug/L	97
3) Chloromethane	2.222	50	65841	19.465	ug/L	97
5) Vinyl chloride	2.374	62	95462	20.822	ug/L	100
6) Bromomethane	2.795	94	70087	21.636	ug/L	96
8) Chloroethane	2.941	64	61717	23.826	ug/L	96
9) Trichlorofluoromethane	3.271	101	94617	22.709	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	93538	22.273	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	88237	22.585	ug/L	84
13) Acetone	4.149	43	32515	51.373	ug/L	98
14) Carbon disulfide	4.392	76	239776	20.731	ug/L	100
15) Methyl Acetate	4.685	43	22962	21.793	ug/L	96
16) Methylene chloride	4.917	84	89259	19.967	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	92922	22.138	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	117058	23.524	ug/L	99
19) 1,1-Dichloroethane	6.221	63	153719	22.543	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	98613	22.248	ug/L	95
22) 2-Butanone	7.185	43	35405	48.460	ug/L	99
23) Bromochloromethane	7.520	128	44037	22.367	ug/L	93
25) Chloroform	7.678	83	168228	22.949	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	95987	23.513	ug/L	97
29) Cyclohexane	7.959	56	128259	22.107	ug/L	97
30) 1,1,1-Trichloroethane	7.873	97	146650	23.338	ug/L	99
31) Carbon tetrachloride	8.075	117	133578	22.978	ug/L	99
33) Benzene	8.325	78	356854	21.949	ug/L	100
34) Trichloroethene	9.093	95	102368	21.933	ug/L	95
35) Methylcyclohexane	9.337	83	168844	21.984	ug/L	99
37) 1,2-Dichloropropane	9.367	63	83855	21.949	ug/L	100
38) Bromodichloromethane	9.648	83	117527	23.047	ug/L	95
39) cis-1,3-Dichloropropene	10.074	75	137917	22.523	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	66454	46.085	ug/L	99
42) Toluene	10.385	91	404957	22.215	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	112065	23.058	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	64913	21.466	ug/L	98
46) Tetrachloroethene	10.861	164	86406	22.002	ug/L	88
48) 2-Hexanone	10.964	43	52223	47.815	ug/L	98
49) Dibromochloromethane	11.129	129	77295	22.421	ug/L	95
50) 1,2-Dibromoethane	11.233	107	63189	22.387	ug/L	99
51) Chlorobenzene	11.653	112	267877	22.095	ug/L	100
52) Ethylbenzene	11.726	91	459040	22.335	ug/L	99
53) m,p-Xylene	11.836	106	181688	22.542	ug/L	90
54) o-Xylene	12.159	106	167540	22.163	ug/L	99
55) Styrene	12.178	104	284471	22.593	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	71625	22.119	ug/L	98
59) Bromoform	12.348	173	47238	24.051	ug/L #	97
60) Isopropylbenzene	12.458	105	472292	22.731	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	50526	22.751	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	390394	23.480	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	380442	23.383	ug/L	97
64) 1,3-Dichlorobenzene	13.494	146	216527	22.685	ug/L	98
65) 1,4-Dichlorobenzene	13.580	146	213664	22.017	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	181940	21.582	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	10143	23.004	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	153788	22.438	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	125904	22.748	ug/L	99
71) Naphthalene	15.360	128	207638	24.142	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	106846	23.138	ug/L	97

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

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