

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026677.D
 Acq On : 10 Aug 2023 14:45
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV427

Quant Time: Aug 11 01:55:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:47:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	535853	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	533363	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	194876	22.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
7) Chloroethane-d5	2.893	69	155975	23.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	4.021	65	96694	22.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.280%
21) 2-Butanone-d5	7.081	46	131808	52.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.120%
24) Chloroform-d	7.648	84	448874	24.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	8.306	65	259041	26.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	8.276	84	917622	24.963	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	9.276	67	284187	24.820	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.280%
41) Toluene-d8	10.324	98	807082	25.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.320%
43) trans-1,3-Dichloroprop...	10.574	79	118698	25.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.440%
47) 2-Hexanone-d5	10.922	63	67128	55.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	236766	26.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	250364	23.724	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	168612	23.143	ug/L	91
3) Chloromethane	2.228	50	231566	23.244	ug/L	100
5) Vinyl chloride	2.375	62	224105	23.531	ug/L	99
6) Bromomethane	2.783	94	127442	22.968	ug/L	96
8) Chloroethane	2.929	64	129397	22.676	ug/L	98
9) Trichlorofluoromethane	3.265	101	170268	21.785	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	201317	23.846	ug/L	99
12) 1,1-Dichloroethene	4.045	96	182102	22.992	ug/L	89
13) Acetone	4.124	43	89517	35.560	ug/L	98
14) Carbon disulfide	4.393	76	657221	23.065	ug/L	100
15) Methyl Acetate	4.673	43	131500	26.078	ug/L	98
16) Methylene chloride	4.917	84	239673	23.122	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	210897	23.862	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	346494	25.910	ug/L	98
19) 1,1-Dichloroethane	6.215	63	440867	24.236	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	234412	24.675	ug/L	95
22) 2-Butanone	7.173	43	174492	47.035	ug/L	98
23) Bromochloromethane	7.514	128	101790	24.805	ug/L	90
25) Chloroform	7.672	83	418682	23.825	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	308220	25.141	ug/L	99
29) Cyclohexane	7.959	56	394217	23.900	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	317003	22.773	ug/L	99
31) Carbon tetrachloride	8.069	117	295168	23.192	ug/L	94
33) Benzene	8.325	78	943983	24.304	ug/L	100
34) Trichloroethene	9.093	95	233057	23.559	ug/L	95
35) Methylcyclohexane	9.337	83	404430	23.898	ug/L	100
37) 1,2-Dichloropropane	9.367	63	255447	24.011	ug/L	99
38) Bromodichloromethane	9.642	83	298229	23.896	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	380171	24.840	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	369887	53.450	ug/L	99
42) Toluene	10.385	91	981787	24.987	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	328560	24.941	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	181443	24.937	ug/L	99
46) Tetrachloroethene	10.861	164	164741	22.923	ug/L	89
48) 2-Hexanone	10.965	43	255653	54.292	ug/L	99
49) Dibromochloromethane	11.123	129	184215	24.207	ug/L	91
50) 1,2-Dibromoethane	11.233	107	169333	24.803	ug/L	93
51) Chlorobenzene	11.653	112	577422	23.265	ug/L	97
52) Ethylbenzene	11.727	91	1060486	24.068	ug/L	98
53) m,p-Xylene	11.836	106	401701	24.609	ug/L	89
54) o-Xylene	12.166	106	384587	25.245	ug/L	97
55) Styrene	12.178	104	691411	26.102	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	232831	25.267	ug/L	100
59) Bromoform	12.348	173	110816	23.993	ug/L	97
60) Isopropylbenzene	12.458	105	1048963	23.930	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	174177	24.354	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	853683	24.639	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	838998	24.711	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	446320	23.411	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	458108	23.026	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	399953	23.071	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	40612	23.555	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	283787	22.034	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	249202	22.821	ug/L	98
71) Naphthalene	15.360	128	504196	24.205	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	227454	23.093	ug/L	98

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

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