

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027640.D
 Acq On : 15 Dec 2023 17:08
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV403

Quant Time: Dec 16 00:00:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 23:53:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	326293	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143733	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	113217	24.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.000%
7) Chloroethane-d5	2.899	69	90170	25.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.240%
11) 1,1-Dichloroethene-d2	4.021	65	45395	24.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.120%
21) 2-Butanone-d5	7.087	46	44821	56.960	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.920%
24) Chloroform-d	7.648	84	193679	24.945	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.760%
26) 1,2-Dichloroethane-d4	8.306	65	94833	26.013	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.040%
32) Benzene-d6	8.276	84	422732	24.912	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.640%
36) 1,2-Dichloropropane-d6	9.270	67	119579	24.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.480%
41) Toluene-d8	10.318	98	397843	25.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.080%
43) trans-1,3-Dichloroprop...	10.574	79	49371	26.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.120%
47) 2-Hexanone-d5	10.922	63	40645	58.017	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99660	27.413	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	131654	25.589	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	92980	24.483	ug/L	91
3) Chloromethane	2.222	50	111531	24.933	ug/L	98
5) Vinyl chloride	2.375	62	131346	24.681	ug/L	99
6) Bromomethane	2.795	94	83652	24.696	ug/L	94
8) Chloroethane	2.935	64	77611	24.392	ug/L	100
9) Trichlorofluoromethane	3.271	101	118983	24.755	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	100452	24.603	ug/L	92
12) 1,1-Dichloroethene	4.051	96	100115	25.048	ug/L	90
13) Acetone	4.143	43	38252	53.550	ug/L	97
14) Carbon disulfide	4.386	76	332633	24.773	ug/L	99
15) Methyl Acetate	4.679	43	34960	27.090	ug/L	98
16) Methylene chloride	4.923	84	106960	20.906	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	104867	24.813	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	146865	26.283	ug/L #	86
19) 1,1-Dichloroethane	6.221	63	174465	24.275	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	109724	24.662	ug/L	95
22) 2-Butanone	7.179	43	51842	54.653	ug/L	100
23) Bromochloromethane	7.514	128	48989	26.076	ug/L	95
25) Chloroform	7.679	83	173696	24.541	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	107618	25.934	ug/L	98
29) Cyclohexane	7.959	56	171695	24.993	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	146949	24.229	ug/L	98
31) Carbon tetrachloride	8.075	117	130179	24.390	ug/L	96
33) Benzene	8.325	78	411861	24.470	ug/L	100
34) Trichloroethene	9.093	95	112509	24.523	ug/L	96
35) Methylcyclohexane	9.337	83	207858	25.119	ug/L	100
37) 1,2-Dichloropropane	9.367	63	100361	24.702	ug/L	100
38) Bromodichloromethane	9.642	83	120317	24.364	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	155058	25.039	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	99000	55.750	ug/L	99
42) Toluene	10.385	91	442596	24.439	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	126343	25.908	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	77173	25.656	ug/L	99
46) Tetrachloroethene	10.861	164	86724	23.673	ug/L	93
48) 2-Hexanone	10.965	43	74779	56.576	ug/L	99
49) Dibromochloromethane	11.129	129	81092	25.775	ug/L	95
50) 1,2-Dibromoethane	11.233	107	74286	25.987	ug/L	92
51) Chlorobenzene	11.653	112	278600	24.079	ug/L	98
52) Ethylbenzene	11.727	91	505937	24.792	ug/L	93
53) m,p-Xylene	11.836	106	191401	24.418	ug/L	99
54) o-Xylene	12.159	106	183449	25.133	ug/L	97
55) Styrene	12.178	104	311445	25.312	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	92144	26.873	ug/L	97
59) Bromoform	12.348	173	47666	27.093	ug/L	95
60) Isopropylbenzene	12.458	105	501826	24.738	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	65304	27.261	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	402225	24.804	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	403247	25.262	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	213955	24.408	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	209191	23.758	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	184987	24.268	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12851	26.853	ug/L	87
69) 1,3,5-Trichlorobenzene	14.622	180	144644	23.714	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	127844	25.523	ug/L	95
71) Naphthalene	15.354	128	241581	27.216	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	108051	25.800	ug/L	99

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

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