

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090523\
 Data File : VW026994.D
 Acq On : 05 Sep 2023 14:08
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV433

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/06/2023
 Supervised By : Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 02:03:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 06 01:54:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	585645	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	580603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	299322	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	255248	24.396	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.600%		
7) Chloroethane-d5	2.893	69	215522	25.523	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.080%		
11) 1,1-Dichloroethene-d2	4.021	65	93077	24.138	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	96.560%		
21) 2-Butanone-d5	7.075	46	101745	50.468	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.940%		
24) Chloroform-d	7.648	84	456128	26.174	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.680%		
26) 1,2-Dichloroethane-d4	8.301	65	231418	25.264	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.040%		
32) Benzene-d6	8.270	84	968969	25.444	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.760%		
36) 1,2-Dichloropropane-d6	9.270	67	284760	25.470	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.880%		
41) Toluene-d8	10.319	98	857780	24.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.520%		
43) trans-1,3-Dichloroprop...	10.575	79	108061	24.906	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.640%		
47) 2-Hexanone-d5	10.922	63	56346	53.983	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.960%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	226679	26.126	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.520%		
66) 1,2-Dichlorobenzene-d4	13.855	152	290633	28.074	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	112.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.021	85	173557m	25.762	ug/L	
3) Chloromethane	2.229	50	287477	28.290	ug/L	99
5) Vinyl chloride	2.375	62	309437	26.695	ug/L	98
6) Bromomethane	2.783	94	208715	27.283	ug/L	99
8) Chloroethane	2.930	64	202257	27.808	ug/L	99
9) Trichlorofluoromethane	3.259	101	155831	23.172	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	213179	25.525	ug/L	91
12) 1,1-Dichloroethene	4.051	96	217986	26.344	ug/L	96
13) Acetone	4.119	43	82653	46.823	ug/L	99
14) Carbon disulfide	4.393	76	737180	27.777	ug/L	98
15) Methyl Acetate	4.667	43	109147	29.739	ug/L #	90
16) Methylene chloride	4.917	84	275936	24.320	ug/L	97
17) trans-1,2-Dichloroethene	5.417	96	250059	27.611	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	364245	28.883	ug/L	99
19) 1,1-Dichloroethane	6.216	63	482210	28.246	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	271750	27.267	ug/L	98
22) 2-Butanone	7.167	43	143872	50.654	ug/L	100
23) Bromochloromethane	7.508	128	120942	27.963	ug/L	88
25) Chloroform	7.673	83	475577	28.403	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	306775	28.988	ug/L	100
29) Cyclohexane	7.953	56	408694	26.999	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	347311	26.408	ug/L	100
31) Carbon tetrachloride	8.069	117	312816	26.687	ug/L	100
33) Benzene	8.319	78	1086766	27.370	ug/L	100
34) Trichloroethene	9.087	95	269558	26.421	ug/L	93
35) Methylcyclohexane	9.331	83	463229	26.724	ug/L	99
37) 1,2-Dichloropropane	9.368	63	286004	28.226	ug/L	100
38) Bromodichloromethane	9.642	83	337813	28.309	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	416012	27.656	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	310267	59.310	ug/L	98
42) Toluene	10.386	91	1149337	28.127	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	340131	27.845	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	198719	27.224	ug/L	97
46) Tetrachloroethene	10.861	164	207407	26.632	ug/L	90
48) 2-Hexanone	10.965	43	209140	58.662	ug/L	99
49) Dibromochloromethane	11.129	129	205276	27.300	ug/L	87
50) 1,2-Dibromoethane	11.233	107	183297	27.737	ug/L	95
51) Chlorobenzene	11.654	112	727389	27.636	ug/L	97
52) Ethylbenzene	11.727	91	1284812	28.362	ug/L	99
53) m,p-Xylene	11.837	106	482940	28.183	ug/L	92
54) o-Xylene	12.160	106	452786	28.239	ug/L	99
55) Styrene	12.178	104	801220	29.279	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	241963	28.020	ug/L	95
59) Bromoform	12.349	173	113142	26.579	ug/L	91
60) Isopropylbenzene	12.458	105	1214212	29.612	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	171596	29.968	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1008461	30.821	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	990041	30.949	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	532626	28.554	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	555232	29.285	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	495424	29.478	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	36864	28.390	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	375492	28.978	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	313552	29.720	ug/L	93
71) Naphthalene	15.360	128	611007	32.730	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	286073	29.911	ug/L	98

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

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