

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083023\
 Data File : VW026966.D
 Acq On : 30 Aug 2023 15:55
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 01:31:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 01:29:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	285324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289865	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172265	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	83902	17.888	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.560%		
7) Chloroethane-d5	2.893	69	71113	20.389	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.560%		
11) 1,1-Dichloroethene-d2	4.027	65	47187	20.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.800%		
21) 2-Butanone-d5	7.069	46	67233m	49.872	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.740%		
24) Chloroform-d	7.642	84	236808	24.729	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.920%		
26) 1,2-Dichloroethane-d4	8.301	65	152298	28.819	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	115.280%		
32) Benzene-d6	8.270	84	433260	21.688	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.760%		
36) 1,2-Dichloropropane-d6	9.270	67	132248	21.252	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.000%		
41) Toluene-d8	10.319	98	392878	22.910	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.640%		
43) trans-1,3-Dichloroprop...	10.575	79	60148	23.411	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.640%		
47) 2-Hexanone-d5	10.922	63	32955	50.400	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.800%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120575	24.536	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.160%		
66) 1,2-Dichlorobenzene-d4	13.855	152	137446	22.292	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	78496	20.234	ug/L #	88
3) Chloromethane	2.223	50	118717	22.380	ug/L	99
5) Vinyl chloride	2.375	62	112683	22.221	ug/L	95
6) Bromomethane	2.783	94	67218	22.751	ug/L	97
8) Chloroethane	2.930	64	67608	22.251	ug/L	97
9) Trichlorofluoromethane	3.259	101	83703	20.113	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	91013	20.246	ug/L	93
12) 1,1-Dichloroethene	4.051	96	93586	22.191	ug/L	91
13) Acetone	4.112	43	53203	39.691	ug/L	97
14) Carbon disulfide	4.387	76	331539	21.852	ug/L	98
15) Methyl Acetate	4.661	43	70512	26.261	ug/L	99
16) Methylene chloride	4.923	84	131321	23.793	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	109548	23.278	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	193427	27.164	ug/L	95
19) 1,1-Dichloroethane	6.216	63	237582	24.529	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	125662	24.842	ug/L	97
22) 2-Butanone	7.167	43	99487	50.363	ug/L	99
23) Bromochloromethane	7.508	128	54776	25.068	ug/L	96
25) Chloroform	7.673	83	242608	25.927	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	202372	31.001	ug/L #	93
29) Cyclohexane	7.953	56	199074	22.208	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	194175	25.668	ug/L	97
31) Carbon tetrachloride	8.069	117	178574	25.817	ug/L	94
33) Benzene	8.319	78	502275	23.795	ug/L	100
34) Trichloroethene	9.087	95	123012	22.881	ug/L	96
35) Methylcyclohexane	9.337	83	210332	22.869	ug/L	97
37) 1,2-Dichloropropane	9.368	63	138370	23.932	ug/L	99
38) Bromodichloromethane	9.642	83	179967	26.533	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	208353	25.049	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	212073	56.388	ug/L	97
42) Toluene	10.386	91	542874	25.423	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	187501	26.190	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	95868	24.244	ug/L	96
46) Tetrachloroethene	10.855	164	94401	24.170	ug/L	91
48) 2-Hexanone	10.965	43	148295	57.948	ug/L	96
49) Dibromochloromethane	11.123	129	110016	26.601	ug/L	98
50) 1,2-Dibromoethane	11.233	107	90687	24.442	ug/L	92
51) Chlorobenzene	11.654	112	331808	24.600	ug/L	99
52) Ethylbenzene	11.727	91	610159	25.481	ug/L	98
53) m,p-Xylene	11.837	106	229581	25.880	ug/L	93
54) o-Xylene	12.166	106	217612	26.284	ug/L	92
55) Styrene	12.178	104	392905	27.293	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	129544	25.868	ug/L	98
59) Bromoform	12.349	173	66903	24.792	ug/L #	93
60) Isopropylbenzene	12.458	105	607311	23.712	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	100682	24.095	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	510341	25.210	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	508207	25.619	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	264957	23.787	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	274222	23.591	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	248091	24.494	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	24768	24.587	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	173769	23.092	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	150137	23.532	ug/L	99
71) Naphthalene	15.360	128	322391	26.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	136265	23.679	ug/L	99

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

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