

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
 Data File : VW026941.D
 Acq On : 28 Aug 2023 15:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Aug 28 22:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	291845	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291193	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	165865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	92112	19.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.800%
7) Chloroethane-d5	2.893	69	78225	21.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
11) 1,1-Dichloroethene-d2	4.021	65	51609	21.872	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.480%
21) 2-Butanone-d5	7.075	46	76684	55.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.220%
24) Chloroform-d	7.648	84	269801	27.544	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.160%
26) 1,2-Dichloroethane-d4	8.301	65	164162	30.370	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.480%
32) Benzene-d6	8.276	84	479953	23.915	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.270	67	154857	24.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.080%
41) Toluene-d8	10.319	98	418304	24.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.575	79	64791	25.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.400%
47) 2-Hexanone-d5	10.922	63	39099	59.524	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	134157	27.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	151758	25.563	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	94498	23.815	ug/L	93
3) Chloromethane	2.222	50	121159	22.330	ug/L	97
5) Vinyl chloride	2.375	62	118608	22.867	ug/L	95
6) Bromomethane	2.783	94	67964	22.490	ug/L	99
8) Chloroethane	2.930	64	71248	22.925	ug/L	99
9) Trichlorofluoromethane	3.265	101	88425	20.773	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	113198m	24.619	ug/L	
12) 1,1-Dichloroethene	4.051	96	102246	23.703	ug/L	89
13) Acetone	4.118	43	62105	45.297	ug/L	99
14) Carbon disulfide	4.393	76	303218	19.539	ug/L	99
15) Methyl Acetate	4.667	43	78701	28.656	ug/L	100
16) Methylene chloride	4.917	84	126545	22.415	ug/L	92
17) trans-1,2-Dichloroethene	5.417	96	115159	23.923	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	230601	31.661	ug/L	96
19) 1,1-Dichloroethane	6.210	63	275208	27.779	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	139071	26.879	ug/L	98
22) 2-Butanone	7.167	43	99535	49.262	ug/L	99
23) Bromochloromethane	7.514	128	57650	25.794	ug/L	89
25) Chloroform	7.673	83	275230	28.756	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	214311	32.097	ug/L	96
29) Cyclohexane	7.953	56	210654	23.393	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	214531	28.229	ug/L	98
31) Carbon tetrachloride	8.069	117	198030	28.499	ug/L	96
33) Benzene	8.319	78	554568	26.152	ug/L	100
34) Trichloroethene	9.093	95	133814	24.777	ug/L	99
35) Methylcyclohexane	9.331	83	215965	23.375	ug/L	97
37) 1,2-Dichloropropane	9.367	63	155656	26.799	ug/L	99
38) Bromodichloromethane	9.642	83	201796	29.616	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	235557	28.191	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	232718	61.595	ug/L	98
42) Toluene	10.386	91	591991	27.597	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	205775	28.611	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	109117	27.469	ug/L	98
46) Tetrachloroethene	10.861	164	98327	25.060	ug/L	95
48) 2-Hexanone	10.965	43	160078	62.267	ug/L	95
49) Dibromochloromethane	11.129	129	119241	28.700	ug/L	97
50) 1,2-Dibromoethane	11.233	107	97816	26.243	ug/L	93
51) Chlorobenzene	11.654	112	358191	26.435	ug/L	94
52) Ethylbenzene	11.727	91	687941	28.598	ug/L	98
53) m,p-Xylene	11.837	106	249350	27.980	ug/L	98
54) o-Xylene	12.166	106	248121	29.832	ug/L	99
55) Styrene	12.178	104	434601	30.052	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	141405	28.107	ug/L	98
59) Bromoform	12.349	173	71592	27.554	ug/L	95
60) Isopropylbenzene	12.458	105	689740	27.970	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	107582	26.739	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	556877	28.570	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	572063	29.950	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	288182	26.871	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	294904	26.349	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	273399	28.034	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	27002	27.839	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	189790	26.194	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	164841	26.833	ug/L	97
71) Naphthalene	15.360	128	352605	30.090	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	153061	27.624	ug/L	98

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

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