

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082123\
 Data File : VW026794.D
 Acq On : 21 Aug 2023 16:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2023
 Supervised By : Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 01:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 22 01:31:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	503348	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	543899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	288938	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127533	15.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.640%
7) Chloroethane-d5	2.893	69	118947	19.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
11) 1,1-Dichloroethene-d2	4.027	65	74696	18.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.400%
21) 2-Butanone-d5	7.075	46	138803	58.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.720%
24) Chloroform-d	7.648	84	431723	25.555	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.240%
26) 1,2-Dichloroethane-d4	8.307	65	247687	26.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.280%
32) Benzene-d6	8.276	84	847632	22.612	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.440%
36) 1,2-Dichloropropane-d6	9.276	67	283207	24.255	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	10.325	98	782421	24.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	10.575	79	125626	26.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.240%
47) 2-Hexanone-d5	10.922	63	83533	68.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	287530	31.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.720%#
66) 1,2-Dichlorobenzene-d4	13.848	152	279798	27.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	157117m	22.958	ug/L	
3) Chloromethane	2.228	50	186240	19.902	ug/L	99
5) Vinyl chloride	2.381	62	182371	20.386	ug/L	99
6) Bromomethane	2.789	94	114287	21.927	ug/L	97
8) Chloroethane	2.930	64	111208	20.747	ug/L	97
9) Trichlorofluoromethane	3.259	101	142863	19.459	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	173831	21.920	ug/L	97
12) 1,1-Dichloroethene	4.051	96	167461	22.509	ug/L	95
13) Acetone	4.118	43	74262	31.405	ug/L	92
14) Carbon disulfide	4.393	76	554031	20.699	ug/L	99
15) Methyl Acetate	4.673	43	117354	24.775	ug/L	97
16) Methylene chloride	4.923	84	200082	20.549	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	193941	23.360	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	339106	26.995	ug/L	97
19) 1,1-Dichloroethane	6.216	63	398940	23.348	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	222830	24.971	ug/L	96
22) 2-Butanone	7.173	43	149839	42.998	ug/L	96
23) Bromochloromethane	7.514	128	97271	25.234	ug/L	95
25) Chloroform	7.673	83	396060	23.993	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288110	25.018	ug/L	98
29) Cyclohexane	7.959	56	344836	20.501	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	293648	20.687	ug/L	99
31) Carbon tetrachloride	8.069	117	273928	21.106	ug/L	97
33) Benzene	8.325	78	881527	22.256	ug/L	100
34) Trichloroethene	9.093	95	221652	21.972	ug/L	98
35) Methylcyclohexane	9.337	83	376985	21.845	ug/L	96
37) 1,2-Dichloropropane	9.367	63	250016	23.045	ug/L	99
38) Bromodichloromethane	9.642	83	294191	23.115	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	397634	25.477	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	395979	56.112	ug/L	97
42) Toluene	10.386	91	1000909	24.981	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	345469	25.717	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	198627	26.770	ug/L	99
46) Tetrachloroethene	10.855	164	171233	23.365	ug/L	96
48) 2-Hexanone	10.965	43	275041	57.278	ug/L	96
49) Dibromochloromethane	11.129	129	204573	26.361	ug/L	97
50) 1,2-Dibromoethane	11.233	107	187724	26.964	ug/L	93
51) Chlorobenzene	11.654	112	641320	25.339	ug/L	98
52) Ethylbenzene	11.727	91	1170412	26.049	ug/L	97
53) m,p-Xylene	11.836	106	435971	26.191	ug/L	97
54) o-Xylene	12.166	106	425299	27.376	ug/L	94
55) Styrene	12.178	104	761023	28.174	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	258976	27.560	ug/L	99
59) Bromoform	12.349	173	123152	27.209	ug/L	97
60) Isopropylbenzene	12.458	105	1117431	26.012	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	192740	27.500	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	933205	27.484	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	917340	27.570	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	500581	26.794	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	504059	25.853	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	467793	27.535	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	44022	26.054	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	329501	26.105	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	281171	26.274	ug/L	98
71) Naphthalene	15.360	128	613348	30.046	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	257797	26.708	ug/L	99

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

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