

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083023\
 Data File : VW026959.D
 Acq On : 30 Aug 2023 10:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Aug 31 01:25:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 29 20:47:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	312123	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	314350	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	96620	18.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.320%
7) Chloroethane-d5	2.893	69	79958	20.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.840%
11) 1,1-Dichloroethene-d2	4.027	65	52299	20.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.075	46	78344	53.124	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.240%
24) Chloroform-d	7.648	84	274069	26.162	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.640%
26) 1,2-Dichloroethane-d4	8.307	65	168099	29.078	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.320%
32) Benzene-d6	8.276	84	480833	22.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	9.270	67	153238	22.707	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.319	98	425022	22.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	10.575	79	66994	24.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.160%
47) 2-Hexanone-d5	10.922	63	39716	56.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	141540	26.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	159737	23.872	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	111196	26.203	ug/L	99
3) Chloromethane	2.223	50	119975	20.675	ug/L	99
5) Vinyl chloride	2.375	62	119573	21.555	ug/L	98
6) Bromomethane	2.790	94	65870	20.381	ug/L	94
8) Chloroethane	2.930	64	72070	21.683	ug/L	94
9) Trichlorofluoromethane	3.259	101	99082	21.764	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	114893m	23.364	ug/L	
12) 1,1-Dichloroethene	4.051	96	102069	22.124	ug/L	91
13) Acetone	4.119	43	73431	50.078	ug/L	99
14) Carbon disulfide	4.393	76	293473	17.682	ug/L	98
15) Methyl Acetate	4.673	43	72532	24.694	ug/L	99
16) Methylene chloride	4.923	84	135577	22.455	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	114844	22.308	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	214456	27.531	ug/L	96
19) 1,1-Dichloroethane	6.216	63	262276	24.753	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	131711	23.802	ug/L	97
22) 2-Butanone	7.167	43	110617	51.190	ug/L	97
23) Bromochloromethane	7.514	128	56671	23.709	ug/L	93
25) Chloroform	7.673	83	265272	25.915	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	207242m	29.021	ug/L	
29) Cyclohexane	7.953	56	208897	21.489	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	213287	25.998	ug/L	98
31) Carbon tetrachloride	8.069	117	195991	26.128	ug/L	92
33) Benzene	8.319	78	533353	23.299	ug/L	100
34) Trichloroethene	9.093	95	132866	22.789	ug/L	96
35) Methylcyclohexane	9.331	83	216904	21.747	ug/L	98
37) 1,2-Dichloropropane	9.368	63	147266	23.486	ug/L	98
38) Bromodichloromethane	9.642	83	193737	26.338	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	232693	25.796	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	218343	53.533	ug/L	98
42) Toluene	10.386	91	564180	24.363	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	207088	26.673	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	105239	24.541	ug/L	97
46) Tetrachloroethene	10.861	164	97659	23.056	ug/L	91
48) 2-Hexanone	10.965	43	154047	55.507	ug/L	96
49) Dibromochloromethane	11.130	129	116524	25.980	ug/L	97
50) 1,2-Dibromoethane	11.233	107	91520	22.745	ug/L	90
51) Chlorobenzene	11.654	112	347239	23.739	ug/L	96
52) Ethylbenzene	11.727	91	660645	25.440	ug/L	99
53) m,p-Xylene	11.837	106	241534	25.106	ug/L	95
54) o-Xylene	12.166	106	236407	26.330	ug/L	97
55) Styrene	12.178	104	429241	27.495	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	138048	25.419	ug/L	99
59) Bromoform	12.349	173	70120	23.943	ug/L	96
60) Isopropylbenzene	12.459	105	675990	24.321	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	104309	23.002	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	570240	25.956	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	570822	26.515	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	292380	24.188	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	304700	24.154	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	272871	24.824	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	25483	23.309	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	201949	24.728	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	170406	24.610	ug/L	97
71) Naphthalene	15.360	128	334570	25.331	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	161396	25.843	ug/L	99

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

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