

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081523\
 Data File : VW026749.D
 Acq On : 15 Aug 2023 15:51
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

Quant Time: Aug 16 01:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 16 01:29:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

08/16/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	525631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	517393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279040	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	135884	15.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.920%
7) Chloroethane-d5	2.893	69	115080	17.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.640%
11) 1,1-Dichloroethene-d2	4.033	65	85195m	20.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.200%
21) 2-Butanone-d5	7.075	46	116326	46.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.680%
24) Chloroform-d	7.648	84	428880	24.311	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.240%
26) 1,2-Dichloroethane-d4	8.301	65	239519	24.602	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	8.270	84	846334	23.735	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.920%
36) 1,2-Dichloropropane-d6	9.270	67	275567	24.810	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	10.319	98	745520	24.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.440%
43) trans-1,3-Dichloroprop...	10.575	79	105218	22.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.922	63	58118	49.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225385	25.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	236731	23.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	152637	21.358	ug/L #	86
3) Chloromethane	2.229	50	175450	17.954	ug/L	98
5) Vinyl chloride	2.375	62	181860	19.467	ug/L	99
6) Bromomethane	2.784	94	109059	20.037	ug/L	100
8) Chloroethane	2.930	64	110914	19.815	ug/L	99
9) Trichlorofluoromethane	3.259	101	136530	17.808	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	187739	22.670	ug/L #	77
12) 1,1-Dichloroethene	4.052	96	178718	23.003	ug/L	95
13) Acetone	4.125	43	81496	33.003	ug/L	98
14) Carbon disulfide	4.393	76	624383	22.339	ug/L	99
15) Methyl Acetate	4.673	43	115937	23.439	ug/L	98
16) Methylene chloride	4.923	84	234515	23.064	ug/L	100
17) trans-1,2-Dichloroethene	5.417	96	197867	22.823	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	307826	23.466	ug/L	100
19) 1,1-Dichloroethane	6.216	63	427972	23.985	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	217542	23.345	ug/L	97
22) 2-Butanone	7.173	43	142959	39.284	ug/L	98
23) Bromochloromethane	7.514	128	98473	24.463	ug/L	97
25) Chloroform	7.673	83	404482	23.464	ug/L	97

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27) 1,2-Dichloroethane	8.398	62	287581	23.914	ug/L	98
29) Cyclohexane	7.959	56	369500	23.093	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	304450	22.547	ug/L	100
31) Carbon tetrachloride	8.069	117	284364	23.032	ug/L	97
33) Benzene	8.319	78	911165	24.183	ug/L	100
34) Trichloroethene	9.093	95	220546	22.983	ug/L	96
35) Methylcyclohexane	9.331	83	380678	23.189	ug/L	99
37) 1,2-Dichloropropane	9.368	63	254173	24.628	ug/L	99
38) Bromodichloromethane	9.642	83	287263	23.727	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	356053	23.982	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	318629	47.464	ug/L	100
42) Toluene	10.386	91	931201	24.432	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	304105	23.797	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	169825	24.061	ug/L	97
46) Tetrachloroethene	10.855	164	156628	22.467	ug/L	94
48) 2-Hexanone	10.965	43	213189	46.671	ug/L	98
49) Dibromochloromethane	11.123	129	174296	23.611	ug/L	89
50) 1,2-Dibromoethane	11.233	107	154664	23.354	ug/L	91
51) Chlorobenzene	11.654	112	565618	23.493	ug/L	99
52) Ethylbenzene	11.727	91	1038586	24.299	ug/L	99
53) m,p-Xylene	11.837	106	384062	24.255	ug/L	97
54) o-Xylene	12.166	106	368391	24.928	ug/L	98
55) Styrene	12.178	104	653095	25.417	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	211258	23.634	ug/L	97
59) Bromoform	12.349	173	101552	23.232	ug/L	99
60) Isopropylbenzene	12.459	105	1001129	24.131	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156144	23.069	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	813090	24.796	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	787841	24.518	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	414556	22.977	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	431609	22.922	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	382804	23.332	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	34951	21.419	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	258685	21.222	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	222425	21.522	ug/L	93
71) Naphthalene	15.361	128	444447	22.545	ug/L	99
72) 1,2,3-Trichlorobenzene	15.550	180	205047	21.997	ug/L	96

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

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