

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026861.D
 Acq On : 24 Aug 2023 18:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: Aug 25 02:26:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 02:23:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/25/2023
 Supervised By : Mahesh Dadoda 08/26/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	337410	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	328737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	200931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	113364	20.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.760%
7) Chloroethane-d5	2.893	69	94965m	23.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.080%
11) 1,1-Dichloroethene-d2	4.015	65	62894	23.055	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	7.081	46	67680	42.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.900%
24) Chloroform-d	7.648	84	303006	26.757	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.040%
26) 1,2-Dichloroethane-d4	8.307	65	175740	28.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.480%
32) Benzene-d6	8.270	84	553631	24.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	9.276	67	154206	21.851	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.400%
41) Toluene-d8	10.325	98	514301	26.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	10.575	79	76122	26.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.480%
47) 2-Hexanone-d5	10.922	63	38175	51.480	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138695	24.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	194905	27.101	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	107832	23.506	ug/L	94
3) Chloromethane	2.222	50	113424	18.082	ug/L	98
5) Vinyl chloride	2.375	62	129632	21.617	ug/L	100
6) Bromomethane	2.783	94	81492	23.325	ug/L	96
8) Chloroethane	2.930	64	78755	21.918	ug/L	96
9) Trichlorofluoromethane	3.265	101	135889	27.612	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	131467	24.731	ug/L	98
12) 1,1-Dichloroethene	4.039	96	123168	24.697	ug/L	90
13) Acetone	4.118	43	76332	48.155	ug/L	100
14) Carbon disulfide	4.393	76	357083	19.902	ug/L	98
15) Methyl Acetate	4.667	43	63926m	20.133	ug/L	
16) Methylene chloride	4.917	84	149825	22.955	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	132485	23.806	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	234422	27.839	ug/L	96
19) 1,1-Dichloroethane	6.216	63	262258	22.897	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	150054	25.085	ug/L	91
22) 2-Butanone	7.167	43	94493	40.451	ug/L	93
23) Bromochloromethane	7.514	128	66395	25.695	ug/L	83
25) Chloroform	7.673	83	282636	25.542	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	210919	27.323	ug/L	98
29) Cyclohexane	7.959	56	217476	21.392	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	250366	29.182	ug/L	98
31) Carbon tetrachloride	8.069	117	236811	30.188	ug/L	98
33) Benzene	8.325	78	561682	23.463	ug/L	100
34) Trichloroethene	9.093	95	154633	25.362	ug/L	96
35) Methylcyclohexane	9.337	83	249095	23.881	ug/L	93
37) 1,2-Dichloropropane	9.367	63	140356	21.405	ug/L #	97
38) Bromodichloromethane	9.642	83	203870	26.503	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	244596	25.929	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	183007	42.906	ug/L #	96
42) Toluene	10.386	91	609521	25.169	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	222017	27.344	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	109955	24.519	ug/L	96
46) Tetrachloroethene	10.861	164	123328	27.842	ug/L	93
48) 2-Hexanone	10.965	43	136864	47.157	ug/L	96
49) Dibromochloromethane	11.129	129	131718	28.082	ug/L	97
50) 1,2-Dibromoethane	11.233	107	104059	24.730	ug/L #	97
51) Chlorobenzene	11.654	112	400209	26.162	ug/L	98
52) Ethylbenzene	11.727	91	736714	27.128	ug/L	99
53) m,p-Xylene	11.837	106	279470	27.778	ug/L	92
54) o-Xylene	12.160	106	266452	28.377	ug/L	93
55) Styrene	12.178	104	465553	28.516	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	132250	23.285	ug/L #	99
59) Bromoform	12.349	173	84999	27.005	ug/L	96
60) Isopropylbenzene	12.458	105	749975	25.105	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	102936	21.120	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	644153	27.280	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	630389	27.244	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	344575	26.522	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	349022	25.742	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	306833	25.971	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	26892	22.887	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	248497	28.311	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	211752	28.454	ug/L	97
71) Naphthalene	15.360	128	376248	26.504	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	190291	28.349	ug/L	98

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

Manual Integrations

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