

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030109.D
 Acq On : 29 Aug 2024 18:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025597

Quant Time: Aug 29 21:36:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 21:32:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Mahesh Dadoda 08/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	187694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	177303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	92398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	60389	21.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
7) Chloroethane-d5	2.899	69	48457	24.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	4.014	65	28667	24.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.080%
21) 2-Butanone-d5	7.075	46	39233	70.463	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.920%#
24) Chloroform-d	7.648	84	126701	25.032	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.120%
26) 1,2-Dichloroethane-d4	8.306	65	69969	27.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.880%
32) Benzene-d6	8.276	84	242935	23.213	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	9.276	67	76006	24.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	10.318	98	223964	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	10.574	79	31326	24.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.360%
47) 2-Hexanone-d5	10.922	63	31360	66.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68252	30.233	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.920%#
66) 1,2-Dichlorobenzene-d4	13.848	152	73124	21.880	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	56156m	26.013	ug/L	
3) Chloromethane	2.222	50	78087	31.116	ug/L	99
5) Vinyl chloride	2.375	62	75723	25.528	ug/L	# 68
6) Bromomethane	2.789	94	45276	24.562	ug/L	94
8) Chloroethane	2.935	64	45588	26.671	ug/L	88
9) Trichlorofluoromethane	3.265	101	68427	26.640	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	68142	27.729	ug/L	99
12) 1,1-Dichloroethene	4.045	96	61658	25.628	ug/L	90
13) Acetone	4.124	43	41182	80.865	ug/L	100
14) Carbon disulfide	4.386	76	214069	28.682	ug/L	96
15) Methyl Acetate	4.673	43	36380	36.640	ug/L	96
16) Methylene chloride	4.917	84	76849	24.785	ug/L	88
17) trans-1,2-Dichloroethene	5.423	96	65605	24.657	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	103717	25.489	ug/L	97
19) 1,1-Dichloroethane	6.215	63	131680	26.633	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	68743	23.376	ug/L	92
22) 2-Butanone	7.172	43	51792	71.071	ug/L	90
23) Bromochloromethane	7.520	128	30872	24.750	ug/L	94
25) Chloroform	7.678	83	130028	25.711	ug/L	100

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27) 1,2-Dichloroethane	8.398	62	90099	27.832	ug/L	99
29) Cyclohexane	7.959	56	113501	26.512	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	105228	25.339	ug/L	99
31) Carbon tetrachloride	8.075	117	96391	25.835	ug/L	98
33) Benzene	8.325	78	285287	25.114	ug/L	100
34) Trichloroethene	9.093	95	72949	23.848	ug/L	95
35) Methylcyclohexane	9.337	83	129250	25.799	ug/L	94
37) 1,2-Dichloropropane	9.367	63	77216	26.843	ug/L	99
38) Bromodichloromethane	9.642	83	92000	25.347	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	109452	24.721	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	100907	70.469	ug/L	95
42) Toluene	10.385	91	306218	25.313	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	94206	26.294	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	55703	26.419	ug/L	97
46) Tetrachloroethene	10.861	164	53394	22.998	ug/L	96
48) 2-Hexanone	10.964	43	78447	77.063	ug/L	90
49) Dibromochloromethane	11.123	129	58895	26.289	ug/L	92
50) 1,2-Dibromoethane	11.233	107	53241	27.033	ug/L #	91
51) Chlorobenzene	11.653	112	180334	23.314	ug/L	92
52) Ethylbenzene	11.727	91	340145	24.815	ug/L	95
53) m,p-Xylene	11.836	106	124749	24.387	ug/L	100
54) o-Xylene	12.165	106	118923	24.222	ug/L	97
55) Styrene	12.178	104	211906	25.760	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	73150	30.809	ug/L	99
59) Bromoform	12.348	173	36683	26.660	ug/L #	93
60) Isopropylbenzene	12.458	105	332237	22.538	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53834	28.655	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	263245	24.017	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	266549	23.072	ug/L	96
64) 1,3-Dichlorobenzene	13.494	146	144705	23.027	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	135629	21.364	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	128557	22.868	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12234	30.421	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.622	180	96555	23.534	ug/L	92
70) 1,2,4-trichlorobenzene	15.128	180	75376	21.226	ug/L	97
71) Naphthalene	15.360	128	173647	25.608	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71134	22.822	ug/L	99

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

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