

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021424\
 Data File : VW028012.D
 Acq On : 14 Feb 2024 17:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Feb 15 00:33:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 00:29:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2024
 Supervised By :Mahesh Dadoda 02/17/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127715	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	55566	18.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
7) Chloroethane-d5	2.899	69	51321	22.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
11) 1,1-Dichloroethene-d2	4.021	65	24561	18.804	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.200%
21) 2-Butanone-d5	7.075	46	30306	63.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.780%
24) Chloroform-d	7.648	84	138871	22.788	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	8.307	65	69652	25.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.240%
32) Benzene-d6	8.270	84	272982	21.352	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.270	67	76410	22.043	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	10.319	98	267359	21.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.440%
43) trans-1,3-Dichloroprop...	10.575	79	34184	23.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.920%
47) 2-Hexanone-d5	10.922	63	30212	64.076	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	72284	27.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	98504	22.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	47893	21.339	ug/L	94
3) Chloromethane	2.229	50	53006	21.505	ug/L	96
5) Vinyl chloride	2.381	62	70768	21.183	ug/L	98
6) Bromomethane	2.789	94	55310	23.431	ug/L	98
8) Chloroethane	2.936	64	47328	25.073	ug/L	97
9) Trichlorofluoromethane	3.265	101	56931	18.751	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	71464	23.351	ug/L #	82
12) 1,1-Dichloroethene	4.045	96	63776	22.401	ug/L	95
13) Acetone	4.125	43	23675	51.332	ug/L	95
14) Carbon disulfide	4.399	76	168311	19.969	ug/L	99
15) Methyl Acetate	4.673	43	24367	31.736	ug/L	99
16) Methylene chloride	4.929	84	74836m	22.972	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	71696	23.440	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	105781	29.172	ug/L	99
19) 1,1-Dichloroethane	6.222	63	125944	25.346	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	83201	25.759	ug/L	98
22) 2-Butanone	7.167	43	33286	62.521	ug/L	98
23) Bromochloromethane	7.508	128	39665	27.646	ug/L	82
25) Chloroform	7.679	83	140360	26.276	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	87102	29.280	ug/L	96
29) Cyclohexane	7.959	56	93370	21.923	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	112967	24.490	ug/L	98
31) Carbon tetrachloride	8.069	117	101117	23.695	ug/L	99
33) Benzene	8.325	78	293878	24.624	ug/L	100
34) Trichloroethene	9.093	95	82083	23.958	ug/L	97
35) Methylcyclohexane	9.331	83	123669	21.935	ug/L	99
37) 1,2-Dichloropropane	9.368	63	72880	25.986	ug/L	100
38) Bromodichloromethane	9.642	83	103360	27.610	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	118830	26.435	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	74283	70.175	ug/L	99
42) Toluene	10.386	91	326632	24.409	ug/L	90
44) trans-1,3-Dichloropropene	10.605	75	99595	27.915	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	64940	29.254	ug/L	99
46) Tetrachloroethene	10.855	164	63844	22.146	ug/L	94
48) 2-Hexanone	10.965	43	51547	64.292	ug/L	99
49) Dibromochloromethane	11.129	129	72183	28.522	ug/L	92
50) 1,2-Dibromoethane	11.233	107	61083	29.480	ug/L	90
51) Chlorobenzene	11.654	112	225624	25.351	ug/L	99
52) Ethylbenzene	11.727	91	380253	25.204	ug/L	99
53) m,p-Xylene	11.837	106	148638	25.121	ug/L	99
54) o-Xylene	12.160	106	145347	26.192	ug/L	98
55) Styrene	12.178	104	239135	25.872	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	75237	31.650	ug/L	93
59) Bromoform	12.343	173	44925	29.802	ug/L	97
60) Isopropylbenzene	12.458	105	387995	24.331	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	51629	30.291	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	327943	25.699	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	317078	25.392	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	175500	23.958	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	186426	25.030	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	166428	25.722	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	10952	32.364	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	120647	22.936	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	108367	25.511	ug/L	99
71) Naphthalene	15.360	128	206642	31.305	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	93643	26.423	ug/L	99

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

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