Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030582.D
Acq On : 12 Oct 2024 05:38
Operator : SY/MD
Sample : P4350-14MSD
Misc : 6.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Oct 14 04:53:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Oct 14 04:33:53 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EOAK1MSD

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda
10/15/2024
Supervised By :Semsettin Yesilyurt
10/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	457636	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	351944	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133098	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162493	22.589	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.360%			
7) Chloroethane-d5	2.899	69	149677	27.489	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.960%			
11) 1,1-Dichloroethene-d2	4.021	65	60962	20.376	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.520%			
21) 2-Butanone-d5	7.081	46	59332	45.833	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.660%			
24) Chloroform-d	7.648	84	329840	25.203	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.800%			
26) 1,2-Dichloroethane-d4	8.301	65	182150	26.765	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.080%			
32) Benzene-d6	8.276	84	583377	28.559	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.240%			
36) 1,2-Dichloropropane-d6	9.276	67	184524	30.777	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.120%#			
41) Toluene-d8	10.319	98	455965	24.452	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.800%			
43) trans-1,3-Dichloroprop...	10.575	79	75806	30.195	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 120.800%			
47) 2-Hexanone-d5	10.922	63	53708	69.551	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.100%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	157339	35.734	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 142.920%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	125735	27.920	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	88243	15.092	ug/L	99
3) Chloromethane	2.229	50	108421	15.955	ug/L	97
5) Vinyl chloride	2.375	62	128437	15.369	ug/L	99
6) Bromomethane	2.789	94	98675	17.939	ug/L	99
8) Chloroethane	2.936	64	89357	17.491	ug/L	97
9) Trichlorofluoromethane	3.265	101	105112	14.057	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95376	14.177	ug/L	94
12) 1,1-Dichloroethene	4.045	96	94526m	15.395	ug/L	
13) Acetone	4.131	43	31603	16.675	ug/L	91
14) Carbon disulfide	4.393	76	195867	9.769	ug/L	98
15) Methyl Acetate	4.679	43	38129	16.287	ug/L	94
16) Methylene chloride	4.917	84	109036	15.760	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	99254	14.981	ug/L	93
18) Methyl tert-butyl Ether	5.435	73	192757	20.788	ug/L	98
19) 1,1-Dichloroethane	6.216	63	200151	16.254	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	120433	17.042	ug/L	93
22) 2-Butanone	7.173	43	57450	28.122	ug/L	98
23) Bromochloromethane	7.520	128	55190	17.852	ug/L	92
25) Chloroform	7.673	83	213928	16.257	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145160	16.721	ug/L		99
29) Cyclohexane	7.953	56	120001	14.007	ug/L		99
30) 1,1,1-Trichloroethane	7.868	97	154405	16.527	ug/L		98
31) Carbon tetrachloride	8.069	117	121235	14.529	ug/L		99
33) Benzene	8.319	78	410014	17.902	ug/L		100
34) Trichloroethene	9.087	95	92121	14.458	ug/L		93
35) Methylcyclohexane	9.331	83	112082	11.177	ug/L		95
37) 1,2-Dichloropropane	9.368	63	110914	19.390	ug/L		99
38) Bromodichloromethane	9.642	83	149649	19.664	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	160632	18.617	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	129412	47.093	ug/L		99
42) Toluene	10.386	91	358330	14.665	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	139459	19.235	ug/L		98
45) 1,1,2-Trichloroethane	10.782	97	89909	21.748	ug/L		99
46) Tetrachloroethene	10.861	164	41545	8.840	ug/L		92
48) 2-Hexanone	10.965	43	85786	38.174	ug/L		97
49) Dibromochloromethane	11.123	129	95910	20.792	ug/L		94
50) 1,2-Dibromoethane	11.233	107	81511	21.130	ug/L	#	97
51) Chlorobenzene	11.654	112	219729	13.970	ug/L		100
52) Ethylbenzene	11.727	91	290375	10.415	ug/L		98
53) m,p-Xylene	11.837	106	106001	10.148	ug/L		96
54) o-Xylene	12.160	106	121976	12.631	ug/L		99
55) Styrene	12.178	104	212826	12.892	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.708	83	103619	22.226	ug/L		94
59) Bromoform	12.349	173	53696	28.715	ug/L		99
60) Isopropylbenzene	12.459	105	214146	10.389	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	74039	28.587	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	175262	10.778	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	184799	11.607	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	124063	13.828	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	125625	13.561	ug/L		98
67) 1,2-Dichlorobenzene	13.861	146	134388	17.022	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.476	75	16453	28.490	ug/L	#	87
69) 1,3,5-Trichlorobenzene	14.623	180	66293	11.205	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	69215	14.532	ug/L		98
71) Naphthalene	15.354	128	225745	27.434	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	69793	16.903	ug/L		95

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

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