Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030540.D
Acq On : 11 Oct 2024 10:43
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

Manual Integrations APPROVED

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

Quant Time: Oct 14 01:30:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 11 02:35:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	261662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238020	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105032	25.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.160%			
7) Chloroethane-d5	2.893	69	91829	29.496	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.000%			
11) 1,1-Dichloroethene-d2	4.021	65	45048m	26.333	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.320%			
21) 2-Butanone-d5	7.075	46	45090	60.918	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.840%			
24) Chloroform-d	7.648	84	210279	28.101	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.400%			
26) 1,2-Dichloroethane-d4	8.307	65	111540	28.665	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.640%			
32) Benzene-d6	8.276	84	387035	28.016	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.080%			
36) 1,2-Dichloropropane-d6	9.270	67	116112	28.636	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.560%			
41) Toluene-d8	10.319	98	361949	28.701	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.800%			
43) trans-1,3-Dichloroprop...	10.575	79	48943	28.826	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 115.320%			
47) 2-Hexanone-d5	10.922	63	36036	69.002	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.000%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93117	31.271	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 125.080%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	112416	27.016	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	82641	24.720	ug/L	97
3) Chloromethane	2.223	50	103881	26.736	ug/L	97
5) Vinyl chloride	2.375	62	125907	26.350	ug/L	98
6) Bromomethane	2.789	94	83042	26.404	ug/L	92
8) Chloroethane	2.936	64	79185	27.109	ug/L	99
9) Trichlorofluoromethane	3.265	101	92508	21.637	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93668	24.351	ug/L	98
12) 1,1-Dichloroethene	4.045	96	84274	24.006	ug/L	86
13) Acetone	4.119	43	55915	51.600	ug/L	100
14) Carbon disulfide	4.393	76	280416	24.461	ug/L	100
15) Methyl Acetate	4.667	43	37205	27.795	ug/L	99
16) Methylene chloride	4.917	84	92744	23.445	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	93743	24.746	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	132597	25.010	ug/L	100
19) 1,1-Dichloroethane	6.216	63	180449	25.630	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	101081	25.017	ug/L	98
22) 2-Butanone	7.167	43	61993	53.073	ug/L	98
23) Bromochloromethane	7.514	128	43193	24.436	ug/L #	87
25) Chloroform	7.673	83	190943	25.378	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126706	25.527	ug/L		99
29) Cyclohexane	7.959	56	151154	26.088	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	154172	24.400	ug/L		98
31) Carbon tetrachloride	8.069	117	139681	24.751	ug/L		96
33) Benzene	8.319	78	397899	25.689	ug/L		100
34) Trichloroethene	9.087	95	103471	24.012	ug/L		99
35) Methylcyclohexane	9.331	83	177801	26.218	ug/L		99
37) 1,2-Dichloropropane	9.368	63	102655	26.536	ug/L		99
38) Bromodichloromethane	9.642	83	133552	25.948	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	151616	25.983	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	113514	61.079	ug/L		98
42) Toluene	10.386	91	433864	26.255	ug/L		94
44) trans-1,3-Dichloropropene	10.605	75	131344	26.786	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	73908	26.435	ug/L		97
46) Tetrachloroethene	10.861	164	78868	24.815	ug/L		95
48) 2-Hexanone	10.965	43	89465	58.866	ug/L		98
49) Dibromochloromethane	11.129	129	78951	25.308	ug/L		92
50) 1,2-Dibromoethane	11.233	107	69833	26.768	ug/L		98
51) Chlorobenzene	11.654	112	265350	24.945	ug/L		98
52) Ethylbenzene	11.727	91	484914	25.717	ug/L		100
53) m,p-Xylene	11.837	106	182572	25.845	ug/L		99
54) o-Xylene	12.166	106	170156	26.054	ug/L		92
55) Styrene	12.178	104	298572	26.742	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.715	83	87123	27.633	ug/L		96
59) Bromoform	12.349	173	43943	25.433	ug/L		98
60) Isopropylbenzene	12.465	105	480241	25.217	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	63157	26.392	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	388670	25.868	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	379729	25.813	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	197152	23.783	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	206285	24.100	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	180905	24.800	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13862	25.979	ug/L	#	87
69) 1,3,5-Trichlorobenzene	14.623	180	132177	24.180	ug/L		96
70) 1,2,4-trichlorobenzene	15.123	180	101983	23.174	ug/L		95
71) Naphthalene	15.360	128	199041	26.179	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	95401	25.006	ug/L		100

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

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