Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
Data File : VW029883.D
Acq On : 09 Aug 2024 18:43
Operator : SY/MD
Sample : P3481-09MS
Misc : 6.55g/10mL/MSVOA_W/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 23:18:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 09 23:13:22 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
E0AE4MS

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/12/2024
Supervised By :Mahesh Dadoda 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	237662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	220434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111629	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	37886	11.229	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 44.920%			
7) Chloroethane-d5	2.893	69	38922	16.158	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.640%			
11) 1,1-Dichloroethene-d2	4.021	65	19336m	12.554	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.200%			
21) 2-Butanone-d5	7.081	46	31365	33.917	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.840%			
24) Chloroform-d	7.648	84	127628	20.745	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.960%			
26) 1,2-Dichloroethane-d4	8.307	65	69072	19.711	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.840%			
32) Benzene-d6	8.270	84	212184	17.815	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 71.240%			
36) 1,2-Dichloropropane-d6	9.270	67	69352	18.236	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 72.960%			
41) Toluene-d8	10.325	98	191804	18.111	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.440%			
43) trans-1,3-Dichloroprop...	10.575	79	28915	18.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.160%			
47) 2-Hexanone-d5	10.922	63	26385	42.075	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.140%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64665	22.900	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.600%			
66) 1,2-Dichlorobenzene-d4	13.849	152	75842	21.881	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	65512	20.450	ug/L #	88
3) Chloromethane	2.223	50	75356	19.010	ug/L	98
5) Vinyl chloride	2.375	62	90623	20.402	ug/L	96
6) Bromomethane	2.783	94	65666	26.923	ug/L	99
8) Chloroethane	2.930	64	61473	24.328	ug/L	96
9) Trichlorofluoromethane	3.259	101	80352	22.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	75238	21.292	ug/L	94
12) 1,1-Dichloroethene	4.045	96	73010	22.487	ug/L	82
13) Acetone	4.131	43	34240	29.793	ug/L	96
14) Carbon disulfide	4.393	76	201647	18.663	ug/L	100
15) Methyl Acetate	4.679	43	34055	17.791	ug/L #	87
16) Methylene chloride	4.923	84	98971	19.920	ug/L	86
17) trans-1,2-Dichloroethene	5.423	96	81440	23.277	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	146384	25.386	ug/L	99
19) 1,1-Dichloroethane	6.216	63	161451	21.879	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	96639	25.463	ug/L	91
22) 2-Butanone	7.173	43	48497	32.934	ug/L	87
23) Bromochloromethane	7.514	128	41442	25.721	ug/L #	80
25) Chloroform	7.673	83	173983	25.025	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120013	23.687	ug/L		100
29) Cyclohexane	7.953	56	115866	18.496	ug/L		91
30) 1,1,1-Trichloroethane	7.874	97	131394	23.538	ug/L		96
31) Carbon tetrachloride	8.069	117	114872	22.837	ug/L		98
33) Benzene	8.319	78	352269	23.324	ug/L		100
34) Trichloroethene	9.093	95	95714	24.174	ug/L		94
35) Methylcyclohexane	9.331	83	141423	21.436	ug/L		94
37) 1,2-Dichloropropane	9.368	63	93549	22.602	ug/L		98
38) Bromodichloromethane	9.642	83	124550	25.270	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	142047	23.566	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	105174	40.005	ug/L	#	91
42) Toluene	10.386	91	390405	25.324	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	119416	23.864	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	72231	25.977	ug/L		96
46) Tetrachloroethene	10.861	164	63755	22.154	ug/L		94
48) 2-Hexanone	10.965	43	74745	37.961	ug/L	#	93
49) Dibromochloromethane	11.123	129	77357	26.799	ug/L		98
50) 1,2-Dibromoethane	11.233	107	68132	26.482	ug/L		97
51) Chlorobenzene	11.654	112	243111	25.352	ug/L		97
52) Ethylbenzene	11.727	91	449565	25.852	ug/L		99
53) m,p-Xylene	11.837	106	164486	25.718	ug/L		88
54) o-Xylene	12.166	106	158249	26.869	ug/L		97
55) Styrene	12.178	104	281865	27.610	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	85862	25.159	ug/L		99
59) Bromoform	12.349	173	43184	25.710	ug/L	#	93
60) Isopropylbenzene	12.459	105	421980	24.429	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	60716	22.363	ug/L		94
62) 1,3,5-Trimethylbenzene	12.940	105	360474	28.076	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	361172	26.303	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	181876	24.678	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	187036	24.706	ug/L		98
67) 1,2-Dichlorobenzene	13.867	146	168276	25.079	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.476	75	13939	22.612	ug/L	#	84
69) 1,3,5-Trichlorobenzene	14.623	180	121296	24.055	ug/L		93
70) 1,2,4-trichlorobenzene	15.129	180	107500	25.306	ug/L		100
71) Naphthalene	15.360	128	225529	27.824	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	98378	25.586	ug/L		97

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

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