Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
Data File : VW028272.D
Acq On : 28 Mar 2024 16:04
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Quant Time: Mar 29 09:50:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 28 01:11:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	231716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	219471	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	51339	18.936	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.760%			
7) Chloroethane-d5	2.899	69	43962	23.209	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.840%			
11) 1,1-Dichloroethene-d2	4.021	65	34201	19.893	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.560%			
21) 2-Butanone-d5	7.082	46	55325	69.188	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.380%#			
24) Chloroform-d	7.648	84	180675	26.443	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.760%			
26) 1,2-Dichloroethane-d4	8.307	65	98688	26.209	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.840%			
32) Benzene-d6	8.276	84	344723	25.726	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.920%			
36) 1,2-Dichloropropane-d6	9.270	67	108551	28.151	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.600%			
41) Toluene-d8	10.325	98	308724	24.979	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.920%			
43) trans-1,3-Dichloroprop...	10.575	79	46187	26.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.480%			
47) 2-Hexanone-d5	10.922	63	45044	70.669	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.340%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91842	32.243	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 128.960%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	115701	27.925	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	59383	17.666	ug/L	93
3) Chloromethane	2.223	50	52285	21.931	ug/L	97
5) Vinyl chloride	2.375	62	60012	22.269	ug/L	90
6) Bromomethane	2.796	94	37403	23.305	ug/L	99
8) Chloroethane	2.942	64	35445	24.470	ug/L	100
9) Trichlorofluoromethane	3.271	101	67804	20.810	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	69898	21.595	ug/L	95
12) 1,1-Dichloroethene	4.045	96	69324	23.168	ug/L	93
13) Acetone	4.131	43	34270	38.599	ug/L	97
14) Carbon disulfide	4.393	76	201046	21.542	ug/L	99
15) Methyl Acetate	4.673	43	40747	29.795	ug/L	99
16) Methylene chloride	4.923	84	79053	22.415	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	76332	24.004	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	134556	28.046	ug/L	98
19) 1,1-Dichloroethane	6.216	63	155383	25.240	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	88648	25.812	ug/L	96
22) 2-Butanone	7.173	43	50397	49.995	ug/L	95
23) Bromochloromethane	7.514	128	39458	25.988	ug/L	92
25) Chloroform	7.679	83	157955	24.923	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 28 01:11:29 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108935	24.340	ug/L	#	95
29) Cyclohexane	7.959	56	129080	22.549	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	125281	21.776	ug/L		99
31) Carbon tetrachloride	8.069	117	113656	21.061	ug/L		98
33) Benzene	8.325	78	328888	24.353	ug/L		100
34) Trichloroethene	9.093	95	88001	23.356	ug/L		98
35) Methylcyclohexane	9.337	83	139873	21.962	ug/L		100
37) 1,2-Dichloropropane	9.368	63	88180	25.527	ug/L		100
38) Bromodichloromethane	9.642	83	115377	24.773	ug/L		97
39) cis-1,3-Dichloropropene	10.069	75	139080	25.141	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	113005	59.266	ug/L		98
42) Toluene	10.386	91	355015	24.086	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	117633	25.186	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	67270	26.953	ug/L		98
46) Tetrachloroethene	10.855	164	65506	21.568	ug/L		93
48) 2-Hexanone	10.965	43	77040	51.579	ug/L		97
49) Dibromochloromethane	11.130	129	73380	24.826	ug/L		95
50) 1,2-Dibromoethane	11.233	107	63723	26.702	ug/L		96
51) Chlorobenzene	11.654	112	229143	24.493	ug/L		97
52) Ethylbenzene	11.727	91	413898	24.055	ug/L		100
53) m,p-Xylene	11.837	106	154696	23.892	ug/L		93
54) o-Xylene	12.160	106	147968	24.643	ug/L		91
55) Styrene	12.178	104	260150	25.224	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.709	83	80925	28.348	ug/L		96
59) Bromoform	12.343	173	45449	26.667	ug/L		97
60) Isopropylbenzene	12.459	105	409418	24.228	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	59421	27.375	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	278078	24.525	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	335713	24.521	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	183790	24.379	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	184438	24.466	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	168653	25.978	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.477	75	13660	26.789	ug/L		86
69) 1,3,5-Trichlorobenzene	14.623	180	134655	25.642	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	113250	25.386	ug/L		97
71) Naphthalene	15.361	128	230371	30.086	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	97278	26.451	ug/L		100

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

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