Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012424\
Data File : VW027848.D
Acq On : 24 Jan 2024 09:35
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

Quant Time: Jan 25 00:20:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 10 00:40:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	375779	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	330129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171835	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	107551	23.450	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.800%			
7) Chloroethane-d5	2.905	69	85903	21.364	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.440%			
11) 1,1-Dichloroethene-d2	4.027	65	46145	22.366	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.480%			
21) 2-Butanone-d5	7.087	46	41838	55.165	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.320%			
24) Chloroform-d	7.648	84	226042	24.876	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.520%			
26) 1,2-Dichloroethane-d4	8.307	65	100910	24.512	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.040%			
32) Benzene-d6	8.276	84	474600	25.330	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.320%			
36) 1,2-Dichloropropane-d6	9.276	67	132035	25.471	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.880%			
41) Toluene-d8	10.325	98	443485	25.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.280%			
43) trans-1,3-Dichloroprop...	10.575	79	52486	26.048	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.200%			
47) 2-Hexanone-d5	10.922	63	37381	54.938	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.880%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98224	26.599	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	158506	26.240	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	83670	21.464	ug/L	95
3) Chloromethane	2.222	50	101285	20.909	ug/L	99
5) Vinyl chloride	2.375	62	126709	25.917	ug/L	98
6) Bromomethane	2.796	94	73246	19.241	ug/L	93
8) Chloroethane	2.942	64	72851	22.617	ug/L	100
9) Trichlorofluoromethane	3.271	101	132947	23.698	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	113314	24.817	ug/L	95
12) 1,1-Dichloroethene	4.051	96	106934	23.924	ug/L	89
13) Acetone	4.155	43	42164	43.499	ug/L	99
14) Carbon disulfide	4.393	76	325998	23.727	ug/L	99
15) Methyl Acetate	4.692	43	30484	23.117	ug/L	98
16) Methylene chloride	4.923	84	111139	20.400	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	112754	23.610	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	143585	24.608	ug/L	100
19) 1,1-Dichloroethane	6.222	63	191639	23.653	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	121127	23.319	ug/L	97
22) 2-Butanone	7.185	43	48144	51.205	ug/L	99
23) Bromochloromethane	7.514	128	52297	23.205	ug/L	93
25) Chloroform	7.679	83	196823	23.498	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	111316	23.513	ug/L		97
29) Cyclohexane	7.959	56	171713	25.563	ug/L		99
30) 1,1,1-Trichloroethane	7.880	97	168570	25.459	ug/L		99
31) Carbon tetrachloride	8.075	117	147197	25.627	ug/L		96
33) Benzene	8.325	78	447080	24.534	ug/L		100
34) Trichloroethene	9.093	95	120753	24.244	ug/L		95
35) Methylcyclohexane	9.337	83	213574	25.477	ug/L		99
37) 1,2-Dichloropropane	9.368	63	106600	24.283	ug/L		100
38) Bromodichloromethane	9.642	83	137801	25.104	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	171449	25.345	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	86159	50.315	ug/L		98
42) Toluene	10.386	91	496061	25.013	ug/L		93
44) trans-1,3-Dichloropropene	10.605	75	134123	25.686	ug/L		96
45) 1,1,2-Trichloroethane	10.788	97	80381	24.440	ug/L		97
46) Tetrachloroethene	10.861	164	103580	25.504	ug/L		97
48) 2-Hexanone	10.965	43	67708	54.608	ug/L		99
49) Dibromochloromethane	11.129	129	88466	24.617	ug/L		88
50) 1,2-Dibromoethane	11.233	107	74832	24.687	ug/L		98
51) Chlorobenzene	11.654	112	321682	24.565	ug/L		98
52) Ethylbenzene	11.727	91	555525	24.851	ug/L		98
53) m,p-Xylene	11.837	106	222580	25.582	ug/L		93
54) o-Xylene	12.160	106	207445	25.452	ug/L		97
55) Styrene	12.178	104	351452	25.525	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.714	83	87896	24.789	ug/L		98
59) Bromoform	12.343	173	51203	24.268	ug/L	#	92
60) Isopropylbenzene	12.458	105	583976	24.995	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	61212	23.526	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	466575	24.857	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	464903	24.963	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	255377	23.827	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	253980	24.243	ug/L		93
67) 1,2-Dichlorobenzene	13.867	146	227679	24.923	ug/L		89
68) 1,2-Dibromo-3-chloropr...	14.476	75	12060	23.751	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	186022	25.208	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	149001	24.591	ug/L		94
71) Naphthalene	15.360	128	242788	24.393	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	118070	23.171	ug/L		96

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

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