Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020124\
Data File : VW027916.D
Acq On : 01 Feb 2024 19:28
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

Quant Time: Feb 01 21:42:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 01 21:37:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286920	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	266498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	143742	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69698	19.903	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.600%			
7) Chloroethane-d5	2.899	69	45795	14.916	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.680%			
11) 1,1-Dichloroethene-d2	4.027	65	30203	19.173	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.680%			
21) 2-Butanone-d5	7.081	46	42027	72.576	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 145.160%#			
24) Chloroform-d	7.654	84	183248	26.412	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.640%			
26) 1,2-Dichloroethane-d4	8.307	65	88948	28.298	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.200%			
32) Benzene-d6	8.276	84	358391	23.695	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.760%			
36) 1,2-Dichloropropane-d6	9.270	67	104623	25.002	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.000%			
41) Toluene-d8	10.319	98	351578	24.863	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.440%			
43) trans-1,3-Dichloroprop...	10.575	79	44449	27.327	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.320%			
47) 2-Hexanone-d5	10.922	63	41557	75.659	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 151.320%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99345	33.326	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 133.320%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	137754	27.262	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	54578	18.337	ug/L	96
3) Chloromethane	2.229	50	68718	18.579	ug/L	99
5) Vinyl chloride	2.381	62	83567	22.386	ug/L	97
6) Bromomethane	2.789	94	58941	20.279	ug/L	95
8) Chloroethane	2.936	64	40182	16.338	ug/L	98
9) Trichlorofluoromethane	3.265	101	59439	13.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	74537	21.380	ug/L #	84
12) 1,1-Dichloroethene	4.045	96	72782	21.326	ug/L	90
13) Acetone	4.143	43	25976	35.098	ug/L	97
14) Carbon disulfide	4.393	76	202837	19.335	ug/L	97
15) Methyl Acetate	4.673	43	28452	28.258	ug/L	94
16) Methylene chloride	4.923	84	85524	20.560	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	81763	22.423	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	116275	26.099	ug/L	99
19) 1,1-Dichloroethane	6.222	63	141895	22.938	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	94467	23.819	ug/L	95
22) 2-Butanone	7.179	43	38345	53.413	ug/L	96
23) Bromochloromethane	7.508	128	44527	25.876	ug/L	96
25) Chloroform	7.679	83	155269	24.278	ug/L	96

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QLast Update : Thu Feb 01 21:37:27 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	96903	26.808	ug/L		99
29) Cyclohexane	7.959	56	107261	19.781	ug/L		96
30) 1,1,1-Trichloroethane	7.874	97	118841	22.234	ug/L		98
31) Carbon tetrachloride	8.069	117	108270	23.351	ug/L		99
33) Benzene	8.319	78	328868	22.356	ug/L		100
34) Trichloroethene	9.087	95	90853	22.596	ug/L		96
35) Methylcyclohexane	9.337	83	137538	20.324	ug/L		99
37) 1,2-Dichloropropane	9.367	63	83132	23.459	ug/L		99
38) Bromodichloromethane	9.642	83	113060	25.515	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	134154	24.567	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	84142	60.870	ug/L		99
42) Toluene	10.386	91	374552	23.396	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	109074	25.876	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	71657	26.990	ug/L		97
46) Tetrachloroethene	10.861	164	72444	22.097	ug/L		97
48) 2-Hexanone	10.965	43	59351	59.298	ug/L		95
49) Dibromochloromethane	11.129	129	81007	27.924	ug/L		99
50) 1,2-Dibromoethane	11.233	107	68968	28.184	ug/L		96
51) Chlorobenzene	11.654	112	252641	23.899	ug/L		98
52) Ethylbenzene	11.727	91	426814	23.652	ug/L		97
53) m,p-Xylene	11.837	106	161811	23.038	ug/L		93
54) o-Xylene	12.160	106	162649	24.721	ug/L		94
55) Styrene	12.178	104	283425	25.500	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	84251	29.434	ug/L		93
59) Bromoform	12.343	173	46816	26.525	ug/L	#	90
60) Isopropylbenzene	12.458	105	426329	21.814	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	58738	26.987	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	348182	22.175	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	354188	22.735	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	209829	23.404	ug/L		99
65) 1,4-Dichlorobenzene	13.574	146	209279	23.881	ug/L		88
67) 1,2-Dichlorobenzene	13.867	146	191113	25.009	ug/L		88
68) 1,2-Dibromo-3-chloropr...	14.476	75	12110	28.510	ug/L		89
69) 1,3,5-Trichlorobenzene	14.617	180	138323	22.408	ug/L		94
70) 1,2,4-trichlorobenzene	15.129	180	120403	23.755	ug/L		95
71) Naphthalene	15.360	128	233241	28.013	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	106863	25.070	ug/L		98

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

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