Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072924\
Data File : VW029791.D
Acq On : 29 Jul 2024 17:04
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

Quant Time: Jul 30 06:57:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 30 06:26:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	220651	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	213111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68791	21.960	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.840%			
7) Chloroethane-d5	2.893	69	54720	24.468	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.880%			
11) 1,1-Dichloroethene-d2	4.021	65	32722	22.884	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.520%			
21) 2-Butanone-d5	7.075	46	48840	56.885	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.760%			
24) Chloroform-d	7.642	84	160086	28.027	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.120%			
26) 1,2-Dichloroethane-d4	8.301	65	94919	29.175	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.720%			
32) Benzene-d6	8.270	84	306215	26.593	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.360%			
36) 1,2-Dichloropropane-d6	9.270	67	99901	27.171	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.680%			
41) Toluene-d8	10.319	98	277510	27.105	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.400%			
43) trans-1,3-Dichloroprop...	10.575	79	39935	26.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.360%			
47) 2-Hexanone-d5	10.922	63	34391	56.726	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80769	29.585	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.360%			
66) 1,2-Dichlorobenzene-d4	13.849	152	88451	27.413	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	66164	22.245	ug/L	92
3) Chloromethane	2.223	50	78765	21.401	ug/L	97
5) Vinyl chloride	2.375	62	89426	21.685	ug/L	99
6) Bromomethane	2.783	94	49730	21.961	ug/L	99
8) Chloroethane	2.936	64	50855	21.678	ug/L	100
9) Trichlorofluoromethane	3.259	101	66452	20.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	67394	20.543	ug/L #	68
12) 1,1-Dichloroethene	4.039	96	64724	21.472	ug/L #	83
13) Acetone	4.119	43	40325	37.793	ug/L	99
14) Carbon disulfide	4.387	76	215556	21.488	ug/L	99
15) Methyl Acetate	4.667	43	40326	22.691	ug/L	99
16) Methylene chloride	4.917	84	92818	20.122	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	72090	22.193	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	114998	21.480	ug/L	98
19) 1,1-Dichloroethane	6.216	63	151630	22.133	ug/L	99
20) cis-1,2-Dichloroethene	7.161	96	75389	21.396	ug/L	93
22) 2-Butanone	7.167	43	55401	40.523	ug/L	99
23) Bromochloromethane	7.514	128	34510	23.070	ug/L	85
25) Chloroform	7.673	83	146650	22.720	ug/L	97

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108396	23.043	ug/L	99
29) Cyclohexane	7.953	56	120606	19.914	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	111381	20.639	ug/L	99
31) Carbon tetrachloride	8.069	117	103394	21.262	ug/L	99
33) Benzene	8.319	78	314975	21.571	ug/L	100
34) Trichloroethene	9.087	95	78093	20.401	ug/L	91
35) Methylcyclohexane	9.331	83	130084	20.395	ug/L	98
37) 1,2-Dichloropropane	9.362	63	85277	21.311	ug/L	99
38) Bromodichloromethane	9.642	83	104796	21.993	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	124747	21.407	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	115686	45.516	ug/L	100
42) Toluene	10.386	91	322212	21.618	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	108862	22.503	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	59043	21.964	ug/L	95
46) Tetrachloroethene	10.861	164	56399	20.272	ug/L	95
48) 2-Hexanone	10.965	43	83035	43.620	ug/L	98
49) Dibromochloromethane	11.130	129	60719	21.758	ug/L	93
50) 1,2-Dibromoethane	11.233	107	55428	22.285	ug/L	99
51) Chlorobenzene	11.654	112	197366	21.289	ug/L	98
52) Ethylbenzene	11.727	91	359639	21.391	ug/L	98
53) m,p-Xylene	11.837	106	133265	21.553	ug/L	96
54) o-Xylene	12.160	106	127577	22.406	ug/L	99
55) Styrene	12.178	104	222347	22.528	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	73794	22.366	ug/L	97
59) Bromoform	12.349	173	33714	21.562	ug/L	100
60) Isopropylbenzene	12.459	105	349661	21.745	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	54198	21.444	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	279363	23.373	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	276584	21.638	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	144953	21.128	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	149304	21.186	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	130871	20.952	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	12517	21.812	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	95492	20.344	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	77302	19.548	ug/L	97
71) Naphthalene	15.354	128	165263	21.902	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	74397	20.786	ug/L	99

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

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