Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100424\
Data File : VW030386.D
Acq On : 04 Oct 2024 11:43
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025504

Quant Time: Oct 05 00:31:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 04 01:05:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	185927	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	167155	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	85931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	35670	24.551	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.200%			
7) Chloroethane-d5	2.905	69	28543	27.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.000%			
11) 1,1-Dichloroethene-d2	4.021	65	21701	20.462	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.840%			
21) 2-Butanone-d5	7.081	46	24012	41.097	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.200%			
24) Chloroform-d	7.648	84	109443	21.911	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.640%			
26) 1,2-Dichloroethane-d4	8.307	65	57234	21.953	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.800%			
32) Benzene-d6	8.276	84	213780	22.819	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.280%			
36) 1,2-Dichloropropane-d6	9.276	67	64961	23.054	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.200%			
41) Toluene-d8	10.325	98	194390	22.628	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.520%			
43) trans-1,3-Dichloroprop...	10.581	79	24642	21.025	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.120%			
47) 2-Hexanone-d5	10.922	63	19828	42.614	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.220%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	47169	22.402	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	65780	23.056	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	43769	21.537	ug/L	94
3) Chloromethane	2.222	50	36813	23.123	ug/L	96
5) Vinyl chloride	2.381	62	43601	25.762	ug/L	99
6) Bromomethane	2.795	94	27855	24.728	ug/L	92
8) Chloroethane	2.942	64	25425	27.535	ug/L	99
9) Trichlorofluoromethane	3.277	101	49989	22.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	48362	22.265	ug/L #	88
12) 1,1-Dichloroethene	4.051	96	46534	21.543	ug/L	85
13) Acetone	4.124	43	24254	39.133	ug/L	100
14) Carbon disulfide	4.393	76	148652	20.694	ug/L	98
15) Methyl Acetate	4.679	43	20053	19.837	ug/L #	78
16) Methylene chloride	4.917	84	52544	18.361	ug/L	90
17) trans-1,2-Dichloroethene	5.435	96	52247	20.836	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	78224	19.613	ug/L	99
19) 1,1-Dichloroethane	6.222	63	102323	21.427	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	57460	20.740	ug/L	96
22) 2-Butanone	7.167	43	29861	37.688	ug/L	100
23) Bromochloromethane	7.514	128	24669	20.396	ug/L	94
25) Chloroform	7.679	83	105113	21.225	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Fri Oct 04 01:05:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	68478	20.849	ug/L	99
29) Cyclohexane	7.959	56	80441	21.831	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	86265	22.278	ug/L	98
31) Carbon tetrachloride	8.069	117	77865	22.500	ug/L	97
33) Benzene	8.325	78	228137	22.408	ug/L	100
34) Trichloroethene	9.093	95	58314	21.533	ug/L	98
35) Methylcyclohexane	9.337	83	95032	22.866	ug/L	97
37) 1,2-Dichloropropane	9.367	63	59108	22.004	ug/L	100
38) Bromodichloromethane	9.648	83	72585	21.522	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	86987	21.119	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	55676	40.296	ug/L	100
42) Toluene	10.386	91	244925	22.471	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	71421	20.926	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	39753	21.000	ug/L	94
46) Tetrachloroethene	10.861	164	43724	21.586	ug/L	97
48) 2-Hexanone	10.965	43	42040	41.321	ug/L	97
49) Dibromochloromethane	11.129	129	44678	20.972	ug/L	97
50) 1,2-Dibromoethane	11.233	107	37615	21.000	ug/L	95
51) Chlorobenzene	11.654	112	150972	21.434	ug/L	96
52) Ethylbenzene	11.727	91	278457	22.551	ug/L	99
53) m,p-Xylene	11.837	106	102619	22.263	ug/L	99
54) o-Xylene	12.166	106	96603	22.019	ug/L	98
55) Styrene	12.178	104	169315	22.623	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	46312	20.889	ug/L	97
59) Bromoform	12.349	173	25538	20.514	ug/L	98
60) Isopropylbenzene	12.458	105	273582	22.430	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	33002	20.202	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	219000	22.199	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	215103	22.068	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	118035	21.655	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	119893	21.532	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	105015	21.611	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	6991	18.678	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	75865	20.166	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	61313	19.685	ug/L	99
71) Naphthalene	15.360	128	106440	18.683	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	53195	19.511	ug/L	98

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

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