Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030289.D
Acq On : 30 Sep 2024 11:36
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

Quant Time: Oct 01 00:58:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 28 02:37:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	149077	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	138284	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	71132	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	33590	28.834	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.320%			
7) Chloroethane-d5	2.893	69	24491	28.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.560%			
11) 1,1-Dichloroethene-d2	4.015	65	23643	27.804	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.200%#			
21) 2-Butanone-d5	7.081	46	23046	49.194	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.380%			
24) Chloroform-d	7.654	84	110799	27.665	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.680%			
26) 1,2-Dichloroethane-d4	8.307	65	61127	29.241	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.960%			
32) Benzene-d6	8.276	84	208988	26.965	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.840%			
36) 1,2-Dichloropropane-d6	9.270	67	62624	26.865	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.480%			
41) Toluene-d8	10.325	98	195589	27.521	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.080%			
43) trans-1,3-Dichloroprop...	10.581	79	26588	27.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.680%			
47) 2-Hexanone-d5	10.922	63	19925	51.763	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.520%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45859	26.327	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.320%			
66) 1,2-Dichlorobenzene-d4	13.848	152	62317	26.387	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	44594	27.367	ug/L	98
3) Chloromethane	2.228	50	35267	27.628	ug/L	97
5) Vinyl chloride	2.375	62	37342	27.518	ug/L	98
6) Bromomethane	2.789	94	24151	26.740	ug/L	88
8) Chloroethane	2.936	64	21859	29.525	ug/L	96
9) Trichlorofluoromethane	3.271	101	49807	28.492	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	49317	28.317	ug/L	99
12) 1,1-Dichloroethene	4.051	96	44595	25.748	ug/L	91
13) Acetone	4.137	43	25442	51.196	ug/L	97
14) Carbon disulfide	4.387	76	154778	26.873	ug/L	98
15) Methyl Acetate	4.673	43	20671	25.503	ug/L #	75
16) Methylene chloride	4.917	84	50477	21.999	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	51530	25.630	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	81697	25.547	ug/L	99
19) 1,1-Dichloroethane	6.216	63	102450	26.757	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	54720	24.633	ug/L	87
22) 2-Butanone	7.173	43	30901	48.641	ug/L	99
23) Bromochloromethane	7.520	128	23692	24.431	ug/L	96
25) Chloroform	7.679	83	106276	26.764	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Sat Sep 28 02:37:12 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	72743	27.623	ug/L	98
29) Cyclohexane	7.959	56	86039	28.225	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	90652	28.299	ug/L	98
31) Carbon tetrachloride	8.069	117	82350	28.764	ug/L	99
33) Benzene	8.325	78	223272	26.508	ug/L	100
34) Trichloroethene	9.093	95	58609	26.160	ug/L	95
35) Methylcyclohexane	9.337	83	95061	27.649	ug/L	95
37) 1,2-Dichloropropane	9.367	63	59124	26.605	ug/L	100
38) Bromodichloromethane	9.642	83	74640	26.752	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	90783	26.642	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	57854	50.615	ug/L	98
42) Toluene	10.386	91	241225	26.753	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	76863	27.223	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	39730	25.369	ug/L	97
46) Tetrachloroethene	10.861	164	42909	25.606	ug/L	92
48) 2-Hexanone	10.965	43	45073	53.551	ug/L	98
49) Dibromochloromethane	11.129	129	45904	26.047	ug/L	98
50) 1,2-Dibromoethane	11.233	107	36818	24.846	ug/L	98
51) Chlorobenzene	11.654	112	143961	24.706	ug/L	96
52) Ethylbenzene	11.727	91	272855	26.711	ug/L	99
53) m,p-Xylene	11.836	106	99530	26.101	ug/L	91
54) o-Xylene	12.166	106	94664	26.082	ug/L	84
55) Styrene	12.178	104	167862	27.111	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	46502	25.354	ug/L	97
59) Bromoform	12.349	173	25594	24.836	ug/L	96
60) Isopropylbenzene	12.464	105	268445	26.588	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	33881	25.055	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	224107	27.442	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	213977	26.520	ug/L	98
64) 1,3-Dichlorobenzene	13.501	146	115671	25.636	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	116057	25.179	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	102822	25.562	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	7703	24.862	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	78458	25.194	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	64718	25.101	ug/L	97
71) Naphthalene	15.360	128	115199	24.427	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	60199	26.674	ug/L	96

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

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