Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100124\
Data File : VW030301.D
Acq On : 01 Oct 2024 09:09
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

Quant Time: Oct 02 07:38:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 01 01:01:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	170037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	156547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	79849	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	36598	27.544	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.160%			
7) Chloroethane-d5	2.905	69	26627	27.542	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.160%			
11) 1,1-Dichloroethene-d2	4.021	65	24487	25.247	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.000%			
21) 2-Butanone-d5	7.081	46	24806	46.424	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.840%			
24) Chloroform-d	7.648	84	111449	24.398	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	8.307	65	58822	24.670	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.680%			
32) Benzene-d6	8.276	84	209158	23.838	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.360%			
36) 1,2-Dichloropropane-d6	9.276	67	63026	23.883	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.520%			
41) Toluene-d8	10.325	98	190611	23.692	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.760%			
43) trans-1,3-Dichloroprop...	10.575	79	26333	23.991	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.960%			
47) 2-Hexanone-d5	10.922	63	20662	47.416	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.840%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	46546	23.604	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	60063	22.656	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	47544	25.581	ug/L	98
3) Chloromethane	2.222	50	41715	28.651	ug/L	97
5) Vinyl chloride	2.381	62	46878	30.287	ug/L	95
6) Bromomethane	2.796	94	29095	28.243	ug/L	91
8) Chloroethane	2.942	64	26609	31.511	ug/L	98
9) Trichlorofluoromethane	3.271	101	57841	29.009	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	50581	25.463	ug/L #	82
12) 1,1-Dichloroethene	4.045	96	50894	25.763	ug/L	87
13) Acetone	4.118	43	37857	66.789	ug/L	98
14) Carbon disulfide	4.393	76	176293	26.836	ug/L	98
15) Methyl Acetate	4.679	43	22906	24.776	ug/L	93
16) Methylene chloride	4.923	84	55005	21.018	ug/L	89
17) trans-1,2-Dichloroethene	5.435	96	56565	24.666	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	90059	24.691	ug/L	98
19) 1,1-Dichloroethane	6.222	63	112377	25.732	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	61031	24.088	ug/L	92
22) 2-Butanone	7.167	43	39952	55.137	ug/L	96
23) Bromochloromethane	7.514	128	25754	23.283	ug/L	97
25) Chloroform	7.679	83	115675	25.540	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	78204	26.036	ug/L	99
29) Cyclohexane	7.959	56	97095	28.136	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	97190	26.801	ug/L	98
31) Carbon tetrachloride	8.069	117	90313	27.865	ug/L	99
33) Benzene	8.325	78	241315	25.308	ug/L	100
34) Trichloroethene	9.093	95	64592	25.467	ug/L	96
35) Methylcyclohexane	9.337	83	108804	27.954	ug/L	96
37) 1,2-Dichloropropane	9.368	63	65290	25.952	ug/L	99
38) Bromodichloromethane	9.642	83	81949	25.945	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	100997	26.182	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	68067	52.603	ug/L	98
42) Toluene	10.386	91	266397	26.098	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	82783	25.899	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	43354	24.454	ug/L	95
46) Tetrachloroethene	10.861	164	47142	24.850	ug/L	94
48) 2-Hexanone	10.965	43	55954	58.724	ug/L	97
49) Dibromochloromethane	11.123	129	50506	25.315	ug/L	96
50) 1,2-Dibromoethane	11.233	107	40313	24.031	ug/L	96
51) Chlorobenzene	11.654	112	162538	24.640	ug/L	96
52) Ethylbenzene	11.727	91	300808	26.012	ug/L	99
53) m,p-Xylene	11.837	106	113609	26.317	ug/L	93
54) o-Xylene	12.160	106	104857	25.520	ug/L	96
55) Styrene	12.178	104	183529	26.184	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	50237	24.195	ug/L	99
59) Bromoform	12.349	173	28607	24.730	ug/L	99
60) Isopropylbenzene	12.458	105	301495	26.602	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	37069	24.420	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	246381	26.876	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	243886	26.927	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	128769	25.424	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	128893	24.911	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	109868	24.332	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	8282	23.813	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	87694	25.086	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	71269	24.624	ug/L	98
71) Naphthalene	15.360	128	126467	23.888	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	61370	24.224	ug/L	99

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

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