Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062624\
Data File : VW029349.D
Acq On : 26 Jun 2024 09:13
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

Quant Time: Jun 27 05:29:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 26 02:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	282118	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259238	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131824	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	80011	20.490	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.960%			
7) Chloroethane-d5	2.905	69	66760	20.245	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.000%			
11) 1,1-Dichloroethene-d2	4.021	65	38596	20.471	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.880%			
21) 2-Butanone-d5	7.075	46	49982	42.783	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.560%			
24) Chloroform-d	7.654	84	189022	22.461	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.840%			
26) 1,2-Dichloroethane-d4	8.307	65	105556	21.846	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.400%			
32) Benzene-d6	8.270	84	359397	22.824	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.280%			
36) 1,2-Dichloropropane-d6	9.270	67	115476	23.070	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.280%			
41) Toluene-d8	10.319	98	324166	23.269	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.080%			
43) trans-1,3-Dichloroprop...	10.575	79	44524	22.074	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.280%			
47) 2-Hexanone-d5	10.922	63	35524	45.274	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87732	22.023	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	103562	22.633	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	59895	21.761	ug/L	98
3) Chloromethane	2.229	50	78659	20.043	ug/L	98
5) Vinyl chloride	2.381	62	101325	22.482	ug/L	97
6) Bromomethane	2.796	94	58057	21.433	ug/L	92
8) Chloroethane	2.942	64	63617	23.078	ug/L	96
9) Trichlorofluoromethane	3.271	101	86326	24.706	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	97684	25.356	ug/L	96
12) 1,1-Dichloroethene	4.045	96	80611	24.660	ug/L	88
13) Acetone	4.125	43	60987	61.428	ug/L	96
14) Carbon disulfide	4.393	76	244437	22.906	ug/L	100
15) Methyl Acetate	4.673	43	43219	21.928	ug/L	99
16) Methylene chloride	4.929	84	99986	20.156	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	88677	24.427	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	136311	23.469	ug/L	99
19) 1,1-Dichloroethane	6.216	63	192241	24.519	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	99108	24.757	ug/L	97
22) 2-Butanone	7.173	43	68642	50.436	ug/L	100
23) Bromochloromethane	7.520	128	41994	23.564	ug/L	94
25) Chloroform	7.679	83	188804	24.660	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130338	23.082	ug/L	99
29) Cyclohexane	7.959	56	154592	26.085	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	151833	26.339	ug/L	97
31) Carbon tetrachloride	8.069	117	135765	25.781	ug/L	96
33) Benzene	8.325	78	401409	25.770	ug/L	100
34) Trichloroethene	9.093	95	103472	24.899	ug/L	97
35) Methylcyclohexane	9.337	83	171567	26.251	ug/L	98
37) 1,2-Dichloropropane	9.367	63	111538	25.483	ug/L	99
38) Bromodichloromethane	9.642	83	134905	25.209	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	161188	26.052	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	126828	46.751	ug/L	98
42) Toluene	10.386	91	425732	26.587	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	133504	25.555	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	74186	24.337	ug/L	96
46) Tetrachloroethene	10.861	164	74320	25.583	ug/L	88
48) 2-Hexanone	10.965	43	100496	52.207	ug/L	98
49) Dibromochloromethane	11.123	129	75688	23.753	ug/L	99
50) 1,2-Dibromoethane	11.233	107	65157	23.811	ug/L	94
51) Chlorobenzene	11.654	112	262621	25.256	ug/L	99
52) Ethylbenzene	11.727	91	480471	26.433	ug/L	97
53) m,p-Xylene	11.837	106	180530	27.191	ug/L	99
54) o-Xylene	12.166	106	164210	26.464	ug/L	98
55) Styrene	12.178	104	298452	27.586	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	87193	23.124	ug/L	98
59) Bromoform	12.349	173	43159	23.888	ug/L	99
60) Isopropylbenzene	12.458	105	483518	27.527	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	64705	22.504	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	352263	27.691	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	379319	27.714	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	194454	25.582	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	201285	24.888	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	175637	24.994	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	13669	20.371	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	136783	26.663	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	110274	26.517	ug/L	97
71) Naphthalene	15.360	128	201851	24.592	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98527	26.002	ug/L	97

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

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