Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060524\
Data File : VW029007.D
Acq On : 05 Jun 2024 08:28
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Quant Time: Jun 05 23:46:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 05 00:46:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	353075	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	323881	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	163872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	130591	23.282	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.120%			
7) Chloroethane-d5	2.899	69	99225	23.037	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.160%			
11) 1,1-Dichloroethene-d2	4.021	65	56298	22.836	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.360%			
21) 2-Butanone-d5	7.075	46	57092	49.818	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.640%			
24) Chloroform-d	7.648	84	232165	23.048	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.200%			
26) 1,2-Dichloroethane-d4	8.307	65	123105	23.214	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.840%			
32) Benzene-d6	8.276	84	470145	23.650	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.600%			
36) 1,2-Dichloropropane-d6	9.270	67	139183	23.092	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.360%			
41) Toluene-d8	10.319	98	418285	23.579	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.320%			
43) trans-1,3-Dichloroprop...	10.575	79	53787	23.224	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.880%			
47) 2-Hexanone-d5	10.922	63	40295	50.661	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.320%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101372	24.210	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.840%			
66) 1,2-Dichlorobenzene-d4	13.848	152	131613	22.633	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	77598	19.247	ug/L	96
3) Chloromethane	2.222	50	106328	21.587	ug/L	99
5) Vinyl chloride	2.375	62	128753	21.595	ug/L	99
6) Bromomethane	2.789	94	76476	21.408	ug/L	100
8) Chloroethane	2.936	64	79130	21.976	ug/L	99
9) Trichlorofluoromethane	3.271	101	110610	22.318	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	112537	23.012	ug/L	95
12) 1,1-Dichloroethene	4.045	96	101547	22.753	ug/L	96
13) Acetone	4.118	43	76726	63.886	ug/L	100
14) Carbon disulfide	4.387	76	342242	22.650	ug/L	98
15) Methyl Acetate	4.673	43	48829	24.480	ug/L	97
16) Methylene chloride	4.917	84	116485	21.982	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	108280	22.253	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	154914	22.830	ug/L	99
19) 1,1-Dichloroethane	6.222	63	218542	22.844	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	116766	22.889	ug/L	95
22) 2-Butanone	7.167	43	84532	58.411	ug/L	100
23) Bromochloromethane	7.520	128	51016	22.910	ug/L	92
25) Chloroform	7.679	83	210932	22.701	ug/L	98

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QLast Update : Wed Jun 05 00:46:16 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145000	23.287	ug/L	99
29) Cyclohexane	7.959	56	193171	23.988	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	171335	22.832	ug/L	99
31) Carbon tetrachloride	8.069	117	159812	23.380	ug/L	94
33) Benzene	8.325	78	476568	23.664	ug/L	100
34) Trichloroethene	9.093	95	122104	23.062	ug/L	92
35) Methylcyclohexane	9.337	83	217855	24.256	ug/L	100
37) 1,2-Dichloropropane	9.368	63	125225	23.745	ug/L	100
38) Bromodichloromethane	9.642	83	149630	23.264	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	181521	23.684	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	139485	51.999	ug/L	98
42) Toluene	10.386	91	500616	24.333	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	148912	24.101	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	81970	23.014	ug/L	97
46) Tetrachloroethene	10.861	164	95581	23.761	ug/L	84
48) 2-Hexanone	10.965	43	118880	59.110	ug/L	99
49) Dibromochloromethane	11.123	129	90798	24.136	ug/L	92
50) 1,2-Dibromoethane	11.233	107	77233	23.754	ug/L	93
51) Chlorobenzene	11.654	112	303680	22.979	ug/L	97
52) Ethylbenzene	11.727	91	560607	23.983	ug/L	95
53) m,p-Xylene	11.837	106	207828	24.004	ug/L	96
54) o-Xylene	12.160	106	195864	24.432	ug/L	100
55) Styrene	12.178	104	339225	24.543	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	97465	24.240	ug/L	99
59) Bromoform	12.349	173	50335	23.887	ug/L	98
60) Isopropylbenzene	12.458	105	542442	23.389	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72015	23.298	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	398216	23.608	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	439264	24.641	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	234671	23.546	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	226840	21.792	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	202364	22.654	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	14896	22.609	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	154026	22.509	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	125877	22.697	ug/L	98
71) Naphthalene	15.360	128	226256	23.944	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110525	23.325	ug/L	99

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

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