Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
Data File : VW029047.D
Acq On : 06 Jun 2024 19:20
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

Quant Time: Jun 07 01:31:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 07 00:21:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	304771	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291810	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143645	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100028	20.660	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.640%			
7) Chloroethane-d5	2.899	69	78983	21.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.960%			
11) 1,1-Dichloroethene-d2	4.021	65	44898	21.098	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.400%			
21) 2-Butanone-d5	7.075	46	59049	59.692	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.380%			
24) Chloroform-d	7.648	84	202983	23.345	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	8.307	65	111853	24.435	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.760%			
32) Benzene-d6	8.276	84	400488	22.360	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.440%			
36) 1,2-Dichloropropane-d6	9.276	67	125629	23.134	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.520%			
41) Toluene-d8	10.325	98	357107	22.343	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.360%			
43) trans-1,3-Dichloroprop...	10.575	79	49714	23.824	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.280%			
47) 2-Hexanone-d5	10.922	63	43277	60.390	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.780%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100820	26.725	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.880%			
66) 1,2-Dichlorobenzene-d4	13.848	152	114524	22.467	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	72499	20.832	ug/L	95
3) Chloromethane	2.222	50	99950	23.508	ug/L	97
5) Vinyl chloride	2.375	62	110680	21.506	ug/L	99
6) Bromomethane	2.789	94	69154	22.426	ug/L	98
8) Chloroethane	2.936	64	70428	22.659	ug/L	100
9) Trichlorofluoromethane	3.271	101	93755	21.915	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	99342	23.534	ug/L #	64
12) 1,1-Dichloroethene	4.039	96	92564	24.028	ug/L	93
13) Acetone	4.118	43	54055	52.143	ug/L	99
14) Carbon disulfide	4.393	76	299355	22.952	ug/L	100
15) Methyl Acetate	4.673	43	52656	30.582	ug/L	100
16) Methylene chloride	4.923	84	122196	26.715	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	101276	24.112	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	163352	27.890	ug/L	99
19) 1,1-Dichloroethane	6.216	63	204515	24.766	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112930	25.646	ug/L	91
22) 2-Butanone	7.167	43	72690	58.190	ug/L	98
23) Bromochloromethane	7.520	128	48344	25.151	ug/L	95
25) Chloroform	7.679	83	201465	25.119	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	140918	26.218	ug/L	100
29) Cyclohexane	7.959	56	178766	24.639	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	157567	23.304	ug/L	99
31) Carbon tetrachloride	8.069	117	144358	23.440	ug/L	96
33) Benzene	8.325	78	444228	24.483	ug/L	100
34) Trichloroethene	9.093	95	113866	23.870	ug/L	93
35) Methylcyclohexane	9.337	83	199651	24.672	ug/L	100
37) 1,2-Dichloropropane	9.367	63	119350	25.118	ug/L	99
38) Bromodichloromethane	9.642	83	142548	24.599	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	177289	25.674	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	152734	63.196	ug/L	100
42) Toluene	10.386	91	475862	25.672	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	148344	26.647	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	84872	26.448	ug/L	97
46) Tetrachloroethene	10.861	164	85256	23.524	ug/L	94
48) 2-Hexanone	10.965	43	110690	61.087	ug/L	99
49) Dibromochloromethane	11.129	129	90797	26.788	ug/L	95
50) 1,2-Dibromoethane	11.233	107	80586	27.509	ug/L	88
51) Chlorobenzene	11.654	112	298100	25.035	ug/L	98
52) Ethylbenzene	11.727	91	529595	25.146	ug/L	95
53) m,p-Xylene	11.837	106	198941	25.503	ug/L	97
54) o-Xylene	12.160	106	188459	26.092	ug/L	98
55) Styrene	12.178	104	332667	26.714	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	102751	28.364	ug/L	99
59) Bromoform	12.349	173	49924	27.028	ug/L	99
60) Isopropylbenzene	12.458	105	518854	25.523	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76698	28.306	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	388201	26.255	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	418947	26.811	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	224114	25.653	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	225666	24.732	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	205130	26.198	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	16798	29.086	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	154407	25.742	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	120765	24.841	ug/L	99
71) Naphthalene	15.360	128	251882	30.409	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108952	26.231	ug/L	99

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

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