Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102124\
Data File : VW030689.D
Acq On : 21 Oct 2024 18:49
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Quant Time: Oct 22 03:19:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 22 01:33:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	279632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	264796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78062	17.760	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.040%			
7) Chloroethane-d5	2.899	69	71559	21.508	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.040%			
11) 1,1-Dichloroethene-d2	4.027	65	34253	18.736	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.960%			
21) 2-Butanone-d5	7.075	46	51166	64.685	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.360%			
24) Chloroform-d	7.648	84	197351	24.678	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.720%			
26) 1,2-Dichloroethane-d4	8.307	65	107999	25.971	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.880%			
32) Benzene-d6	8.276	84	344391	22.409	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.640%			
36) 1,2-Dichloropropane-d6	9.270	67	110555	24.509	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.040%			
41) Toluene-d8	10.319	98	316047	22.527	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.120%			
43) trans-1,3-Dichloroprop...	10.575	79	44924	23.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.120%			
47) 2-Hexanone-d5	10.922	63	39685	68.305	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.620%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100944	30.471	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.880%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	107694	24.632	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	68238	19.100	ug/L	93
3) Chloromethane	2.223	50	86372	20.801	ug/L	99
5) Vinyl chloride	2.375	62	112438	22.019	ug/L	99
6) Bromomethane	2.790	94	76426	22.739	ug/L	99
8) Chloroethane	2.942	64	73678	23.603	ug/L	93
9) Trichlorofluoromethane	3.271	101	92606	20.268	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	91250	22.197	ug/L	97
12) 1,1-Dichloroethene	4.045	96	82985	22.119	ug/L	96
13) Acetone	4.119	43	41463	35.804	ug/L	95
14) Carbon disulfide	4.387	76	234705	19.158	ug/L	98
15) Methyl Acetate	4.673	43	40015	27.973	ug/L	99
16) Methylene chloride	4.917	84	95905	22.686	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	93329	23.054	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	156646	27.648	ug/L	99
19) 1,1-Dichloroethane	6.222	63	185212	24.616	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	105574	24.450	ug/L	92
22) 2-Butanone	7.167	43	55494	44.456	ug/L	99
23) Bromochloromethane	7.514	128	45557	24.117	ug/L	89
25) Chloroform	7.679	83	199959	24.869	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132430	24.966	ug/L	99
29) Cyclohexane	7.959	56	137864	21.388	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	155899	22.178	ug/L	99
31) Carbon tetrachloride	8.069	117	137129	21.842	ug/L	98
33) Benzene	8.325	78	403456	23.414	ug/L	100
34) Trichloroethene	9.093	95	105688	22.046	ug/L	99
35) Methylcyclohexane	9.337	83	164276	21.774	ug/L	97
37) 1,2-Dichloropropane	9.368	63	106695	24.791	ug/L	100
38) Bromodichloromethane	9.642	83	140500	24.537	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	157675	24.289	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	122230	59.119	ug/L	99
42) Toluene	10.386	91	439181	23.890	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	133434	24.461	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	80361	25.836	ug/L	98
46) Tetrachloroethene	10.861	164	76404	21.609	ug/L	96
48) 2-Hexanone	10.965	43	85137	50.353	ug/L	99
49) Dibromochloromethane	11.130	129	86472	24.916	ug/L	93
50) 1,2-Dibromoethane	11.233	107	74020	25.504	ug/L	100
51) Chlorobenzene	11.654	112	277459	23.446	ug/L	99
52) Ethylbenzene	11.727	91	497541	23.718	ug/L	99
53) m,p-Xylene	11.837	106	183389	23.335	ug/L	96
54) o-Xylene	12.166	106	180522	24.846	ug/L	100
55) Styrene	12.178	104	312997	25.200	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	96572	27.532	ug/L	97
59) Bromoform	12.349	173	47932	26.403	ug/L	99
60) Isopropylbenzene	12.459	105	490728	24.524	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68805	27.365	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	397074	25.152	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	400888	25.936	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	216299	24.833	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	214498	23.850	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	191805	25.025	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14809	26.415	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	141848	24.696	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	110089	23.809	ug/L	97
71) Naphthalene	15.360	128	227945	28.534	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	99820	24.902	ug/L	100

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

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