Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060424\
Data File : VW028982.D
Acq On : 04 Jun 2024 09:05
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

Quant Time: Jun 05 00:44:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 04 02:14:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	307661	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	149474	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	129144	26.423	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.680%			
7) Chloroethane-d5	2.899	69	97425	25.958	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.840%			
11) 1,1-Dichloroethene-d2	4.021	65	54592	25.413	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.640%			
21) 2-Butanone-d5	7.075	46	50402	50.472	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.940%			
24) Chloroform-d	7.648	84	223015	25.408	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.640%			
26) 1,2-Dichloroethane-d4	8.307	65	118309	25.603	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	8.276	84	449158	25.235	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.920%			
36) 1,2-Dichloropropane-d6	9.270	67	131893	24.440	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.760%			
41) Toluene-d8	10.318	98	403924	25.430	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.720%			
43) trans-1,3-Dichloroprop...	10.575	79	50268	24.241	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.960%			
47) 2-Hexanone-d5	10.922	63	36298	50.968	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.940%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92719	24.731	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	123475	23.279	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	80193	22.826	ug/L	98
3) Chloromethane	2.222	50	103751	24.173	ug/L	99
5) Vinyl chloride	2.375	62	128133	24.663	ug/L	99
6) Bromomethane	2.789	94	77532	24.907	ug/L	99
8) Chloroethane	2.936	64	79750	25.418	ug/L	99
9) Trichlorofluoromethane	3.271	101	100826	23.346	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	109971	25.807	ug/L	96
12) 1,1-Dichloroethene	4.045	96	98009	25.202	ug/L	96
13) Acetone	4.118	43	65783	62.860	ug/L	98
14) Carbon disulfide	4.393	76	330447	25.098	ug/L	100
15) Methyl Acetate	4.667	43	45511	26.184	ug/L	100
16) Methylene chloride	4.917	84	111609	24.171	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	108134	25.503	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	146254	24.736	ug/L	99
19) 1,1-Dichloroethane	6.216	63	210684	25.274	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	114132	25.675	ug/L	97
22) 2-Butanone	7.167	43	76382	60.571	ug/L	98
23) Bromochloromethane	7.514	128	48301	24.892	ug/L	97
25) Chloroform	7.673	83	207061	25.574	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	139424	25.697	ug/L	100
29) Cyclohexane	7.959	56	186289	25.837	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	167551	24.936	ug/L	99
31) Carbon tetrachloride	8.069	117	157637	25.757	ug/L	96
33) Benzene	8.325	78	458416	25.422	ug/L	100
34) Trichloroethene	9.093	95	118735	25.046	ug/L	90
35) Methylcyclohexane	9.331	83	210973	26.234	ug/L	99
37) 1,2-Dichloropropane	9.367	63	120448	25.508	ug/L	100
38) Bromodichloromethane	9.642	83	143321	24.887	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	177703	25.895	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	127712	53.173	ug/L	99
42) Toluene	10.386	91	481955	26.164	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	141232	25.528	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	79074	24.795	ug/L	98
46) Tetrachloroethene	10.861	164	90592	25.152	ug/L	97
48) 2-Hexanone	10.965	43	105924	58.822	ug/L	98
49) Dibromochloromethane	11.123	129	86826	25.777	ug/L	99
50) 1,2-Dibromoethane	11.233	107	73089	25.106	ug/L	98
51) Chlorobenzene	11.654	112	296069	25.020	ug/L	98
52) Ethylbenzene	11.727	91	544854	26.033	ug/L	97
53) m,p-Xylene	11.836	106	203008	26.187	ug/L	97
54) o-Xylene	12.160	106	191869	26.730	ug/L	100
55) Styrene	12.178	104	333374	26.938	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	91642	25.455	ug/L	94
59) Bromoform	12.349	173	47176	24.544	ug/L	99
60) Isopropylbenzene	12.458	105	531364	25.119	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	67435	23.917	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	392919	25.538	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	426296	26.217	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	221344	24.348	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	227049	23.914	ug/L	88
67) 1,2-Dichlorobenzene	13.861	146	193465	23.744	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	14533	24.183	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	154817	24.804	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	124061	24.524	ug/L	96
71) Naphthalene	15.360	128	215682	25.023	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	107111	24.782	ug/L	98

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

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