Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081924\
Data File : VW029951.D
Acq On : 19 Aug 2024 15:45
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Quant Time: Aug 20 04:02:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Aug 20 02:38:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	190561	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	180423	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98784	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	53844	19.903	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.600%			
7) Chloroethane-d5	2.899	69	49769	25.768	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.080%			
11) 1,1-Dichloroethene-d2	4.021	65	23511	19.038	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.160%			
21) 2-Butanone-d5	7.069	46	33534	45.225	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.460%			
24) Chloroform-d	7.648	84	134730	27.312	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.240%			
26) 1,2-Dichloroethane-d4	8.307	65	73960	26.323	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.280%			
32) Benzene-d6	8.270	84	232772	23.878	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.520%			
36) 1,2-Dichloropropane-d6	9.270	67	72891	23.417	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.680%			
41) Toluene-d8	10.319	98	216184	24.940	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.760%			
43) trans-1,3-Dichloroprop...	10.575	79	31696	25.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.640%			
47) 2-Hexanone-d5	10.922	63	26118	50.885	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.780%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69038	29.870	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	73186	23.860	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	53424	20.798	ug/L	97
3) Chloromethane	2.222	50	63051	19.837	ug/L	97
5) Vinyl chloride	2.375	62	79351	22.280	ug/L	98
6) Bromomethane	2.789	94	54320	27.776	ug/L	100
8) Chloroethane	2.936	64	53209	26.263	ug/L	96
9) Trichlorofluoromethane	3.265	101	78384	27.554	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	69728	24.610	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	61607	23.665	ug/L	84
13) Acetone	4.118	43	40026	43.436	ug/L	93
14) Carbon disulfide	4.393	76	166559	19.226	ug/L	99
15) Methyl Acetate	4.667	43	32817	21.381	ug/L #	80
16) Methylene chloride	4.923	84	95770	24.040	ug/L	87
17) trans-1,2-Dichloroethene	5.429	96	71539	25.501	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	116267	25.146	ug/L	100
19) 1,1-Dichloroethane	6.216	63	144316	24.391	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	79710	26.194	ug/L	95
22) 2-Butanone	7.173	43	48478	41.058	ug/L	89
23) Bromochloromethane	7.508	128	37218	28.809	ug/L #	74
25) Chloroform	7.673	83	158867	28.499	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Tue Aug 20 02:38:01 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109854	27.041	ug/L		100
29) Cyclohexane	7.959	56	97900	19.094	ug/L		92
30) 1,1,1-Trichloroethane	7.874	97	119660	26.190	ug/L		97
31) Carbon tetrachloride	8.069	117	105805	25.700	ug/L		98
33) Benzene	8.325	78	313772	25.382	ug/L		100
34) Trichloroethene	9.093	95	82167	25.355	ug/L		97
35) Methylcyclohexane	9.337	83	120127	22.246	ug/L		94
37) 1,2-Dichloropropane	9.367	63	83982	24.790	ug/L		98
38) Bromodichloromethane	9.642	83	113033	28.019	ug/L		97
39) cis-1,3-Dichloropropene	10.075	75	125190	25.375	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	98644	45.842	ug/L	#	92
42) Toluene	10.386	91	346347	27.448	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	108390	26.465	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	65596	28.822	ug/L		97
46) Tetrachloroethene	10.861	164	59614	25.309	ug/L		92
48) 2-Hexanone	10.965	43	73542	45.633	ug/L	#	95
49) Dibromochloromethane	11.123	129	71485	30.257	ug/L		99
50) 1,2-Dibromoethane	11.233	107	61035	28.985	ug/L		95
51) Chlorobenzene	11.654	112	209822	26.733	ug/L		94
52) Ethylbenzene	11.727	91	391780	27.525	ug/L		96
53) m,p-Xylene	11.837	106	141312	26.995	ug/L		95
54) o-Xylene	12.166	106	134690	27.941	ug/L		95
55) Styrene	12.178	104	248875	29.784	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	82965	29.701	ug/L		98
59) Bromoform	12.349	173	40855	27.486	ug/L		96
60) Isopropylbenzene	12.458	105	375638	24.574	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	59701	24.849	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	310107	27.293	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	308622	25.398	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	168671	25.862	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	171931	25.664	ug/L		94
67) 1,2-Dichlorobenzene	13.861	146	157460	26.519	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12967	23.770	ug/L	#	84
69) 1,3,5-Trichlorobenzene	14.623	180	111386	24.962	ug/L		97
70) 1,2,4-trichlorobenzene	15.123	180	95506	25.406	ug/L		91
71) Naphthalene	15.360	128	192502	26.837	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	85161	25.029	ug/L		96

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

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