Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050724\
Data File : VW028590.D
Acq On : 07 May 2024 12:22
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

Quant Time: May 08 04:30:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 08 04:24:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	321054	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289073	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141305	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	133222	21.852	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.400%			
7) Chloroethane-d5	2.905	69	109015	23.353	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.400%			
11) 1,1-Dichloroethene-d2	4.027	65	57260	22.480	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.920%			
21) 2-Butanone-d5	7.075	46	52813	33.204	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.400%			
24) Chloroform-d	7.654	84	245298	24.452	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	8.307	65	129473	22.543	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.160%			
32) Benzene-d6	8.276	84	473920	24.572	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.280%			
36) 1,2-Dichloropropane-d6	9.270	67	141891	24.449	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.800%			
41) Toluene-d8	10.319	98	428375	25.081	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.320%			
43) trans-1,3-Dichloroprop...	10.575	79	55275	23.675	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.720%			
47) 2-Hexanone-d5	10.922	63	36750	36.715	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.420%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96235	19.775	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	130034	24.144	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	94965	20.354	ug/L	92
3) Chloromethane	2.229	50	116286	20.119	ug/L	99
5) Vinyl chloride	2.375	62	133794	20.561	ug/L	99
6) Bromomethane	2.796	94	78906	20.961	ug/L	98
8) Chloroethane	2.936	64	79016	21.291	ug/L	98
9) Trichlorofluoromethane	3.271	101	96830	18.125	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	96823	19.657	ug/L	96
12) 1,1-Dichloroethene	4.051	96	89653	20.290	ug/L	90
13) Acetone	4.118	43	42242	29.193	ug/L	98
14) Carbon disulfide	4.393	76	302935	20.286	ug/L	99
15) Methyl Acetate	4.673	43	41132	16.339	ug/L	97
16) Methylene chloride	4.923	84	98710	19.880	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	96716	21.024	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	131761	19.409	ug/L	99
19) 1,1-Dichloroethane	6.222	63	194546	21.327	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	104054	21.613	ug/L	98
22) 2-Butanone	7.173	43	53103	28.592	ug/L	99
23) Bromochloromethane	7.514	128	42604	20.287	ug/L	95
25) Chloroform	7.679	83	191162	21.666	ug/L	94

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QLast Update : Wed May 08 04:24:37 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130838	20.400	ug/L	98
29) Cyclohexane	7.959	56	173325	21.029	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	154296	21.300	ug/L	99
31) Carbon tetrachloride	8.069	117	136506	20.668	ug/L	98
33) Benzene	8.325	78	411288	21.941	ug/L	100
34) Trichloroethene	9.093	95	103899	20.673	ug/L	91
35) Methylcyclohexane	9.337	83	180861	20.592	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108447	22.202	ug/L	100
38) Bromodichloromethane	9.642	83	131139	22.025	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	157275	22.465	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	108077	32.510	ug/L	99
42) Toluene	10.386	91	430863	22.254	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	126090	21.361	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	68482	19.354	ug/L	99
46) Tetrachloroethene	10.861	164	75817	20.938	ug/L	92
48) 2-Hexanone	10.965	43	78961	33.644	ug/L	98
49) Dibromochloromethane	11.123	129	74707	21.049	ug/L	99
50) 1,2-Dibromoethane	11.233	107	62463	18.845	ug/L	95
51) Chlorobenzene	11.654	112	266961	22.291	ug/L	99
52) Ethylbenzene	11.727	91	489740	22.352	ug/L	95
53) m,p-Xylene	11.837	106	184209	22.936	ug/L	93
54) o-Xylene	12.160	106	170664	22.969	ug/L	98
55) Styrene	12.178	104	295219	23.449	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	77177	17.385	ug/L	100
59) Bromoform	12.349	173	39413	19.118	ug/L	99
60) Isopropylbenzene	12.458	105	479883	22.385	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	57137	16.731	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	352279	23.225	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380687	23.294	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	196530	22.037	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	193680	21.242	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	178606	22.376	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	11970	14.992	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	126573	21.150	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	101003	20.888	ug/L	99
71) Naphthalene	15.360	128	183862	17.847	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92198	21.130	ug/L	98

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

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