Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070524\
Data File : VW029471.D
Acq On : 05 Jul 2024 13:55
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

Quant Time: Jul 06 00:24:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 06 00:21:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	227083	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	213967	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109711	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	66935	21.296	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.200%			
7) Chloroethane-d5	2.899	69	55574	20.938	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.760%			
11) 1,1-Dichloroethene-d2	4.027	65	31894	21.016	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.080%			
21) 2-Butanone-d5	7.075	46	51775	55.059	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.120%			
24) Chloroform-d	7.648	84	168778	24.916	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.680%			
26) 1,2-Dichloroethane-d4	8.307	65	94926	24.407	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.640%			
32) Benzene-d6	8.276	84	302565	23.281	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.120%			
36) 1,2-Dichloropropane-d6	9.276	67	102066	24.706	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.840%			
41) Toluene-d8	10.325	98	264064	22.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.880%			
43) trans-1,3-Dichloroprop...	10.581	79	40594	24.384	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.520%			
47) 2-Hexanone-d5	10.922	63	36664	56.613	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.220%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87331	26.560	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	90817	23.848	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	78005	35.209	ug/L	99
3) Chloromethane	2.222	50	86487	27.378	ug/L	97
5) Vinyl chloride	2.375	62	97833	26.968	ug/L	98
6) Bromomethane	2.789	94	55435	25.424	ug/L	93
8) Chloroethane	2.936	64	58157	26.210	ug/L	97
9) Trichlorofluoromethane	3.271	101	87219	31.011	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78208	25.220	ug/L	91
12) 1,1-Dichloroethene	4.045	96	73966	28.111	ug/L	89
13) Acetone	4.118	43	45058	56.382	ug/L	97
14) Carbon disulfide	4.393	76	232299	27.045	ug/L	100
15) Methyl Acetate	4.673	43	43602	27.483	ug/L	98
16) Methylene chloride	4.923	84	94090	23.564	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	82724	28.310	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	132990	28.447	ug/L	98
19) 1,1-Dichloroethane	6.216	63	173571	27.503	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	89994	27.929	ug/L	91
22) 2-Butanone	7.173	43	60397	55.133	ug/L	98
23) Bromochloromethane	7.520	128	38826	27.067	ug/L	91
25) Chloroform	7.679	83	169304	27.472	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 06 00:21:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	121906	26.821	ug/L	100
29) Cyclohexane	7.959	56	142678	29.169	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	131003	27.534	ug/L	96
31) Carbon tetrachloride	8.069	117	119823	27.568	ug/L	96
33) Benzene	8.325	78	370512	28.820	ug/L	100
34) Trichloroethene	9.093	95	93322	27.208	ug/L	97
35) Methylcyclohexane	9.337	83	155619	28.849	ug/L	98
37) 1,2-Dichloropropane	9.367	63	101131	27.994	ug/L	99
38) Bromodichloromethane	9.648	83	119934	27.153	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	145699	28.531	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	126376	56.441	ug/L	99
42) Toluene	10.386	91	374097	28.305	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	120370	27.916	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	69972	27.811	ug/L	99
46) Tetrachloroethene	10.861	164	67249	28.047	ug/L	87
48) 2-Hexanone	10.965	43	91485	57.581	ug/L	100
49) Dibromochloromethane	11.129	129	71957	27.360	ug/L	99
50) 1,2-Dibromoethane	11.233	107	62052	27.475	ug/L	96
51) Chlorobenzene	11.654	112	231891	27.019	ug/L	96
52) Ethylbenzene	11.727	91	428949	28.592	ug/L	97
53) m,p-Xylene	11.837	106	158963	29.008	ug/L	91
54) o-Xylene	12.160	106	149536	29.198	ug/L	91
55) Styrene	12.178	104	265415	29.723	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	82294	26.442	ug/L	99
59) Bromoform	12.349	173	40964	27.243	ug/L	97
60) Isopropylbenzene	12.464	105	419222	28.677	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	61204	25.577	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	304291	28.742	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	331121	29.068	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	179201	28.327	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	179592	26.682	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	158863	27.163	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	13141	23.532	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	110318	25.838	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	93327	26.965	ug/L	97
71) Naphthalene	15.354	128	185051	27.090	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85114	26.990	ug/L	98

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

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