Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
Data File : VW031232.D
Acq On : 13 Dec 2024 12:00
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV451

Quant Time: Dec 14 00:34:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:28:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	701736	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	612447	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	272795	25.837	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.360%			
7) Chloroethane-d5	2.893	69	195597	25.043	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.160%			
11) 1,1-Dichloroethene-d2	4.021	65	127212	25.400	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.600%			
21) 2-Butanone-d5	7.093	46	93235	46.889	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.780%			
24) Chloroform-d	7.648	84	480798	25.006	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.040%			
26) 1,2-Dichloroethane-d4	8.307	65	237903	24.638	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.560%			
32) Benzene-d6	8.270	84	958861	24.427	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.720%			
36) 1,2-Dichloropropane-d6	9.270	67	276468	24.166	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.680%			
41) Toluene-d8	10.318	98	902357	24.710	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.840%			
43) trans-1,3-Dichloroprop...	10.575	79	127018	24.079	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.320%			
47) 2-Hexanone-d5	10.922	63	74982	48.736	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.480%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	169680	23.622	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	264444	24.791	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	171747	27.081	ug/L	94
3) Chloromethane	2.216	50	169994	23.860	ug/L	98
5) Vinyl chloride	2.369	62	250243	25.344	ug/L	98
6) Bromomethane	2.795	94	150293	24.759	ug/L	95
8) Chloroethane	2.930	64	146147	24.889	ug/L	99
9) Trichlorofluoromethane	3.265	101	248216	23.598	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	211487	24.899	ug/L	98
12) 1,1-Dichloroethene	4.039	96	210811	24.505	ug/L	96
13) Acetone	4.173	43	128030	46.234	ug/L #	100
14) Carbon disulfide	4.387	76	694682	24.760	ug/L	99
15) Methyl Acetate	4.685	43	71869	22.850	ug/L	99
16) Methylene chloride	4.911	84	206690	23.409	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	223733	24.127	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	366751	23.658	ug/L	99
19) 1,1-Dichloroethane	6.216	63	429623	24.793	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	243200	24.240	ug/L	98
22) 2-Butanone	7.185	43	151637	45.193	ug/L	99
23) Bromochloromethane	7.514	128	98856	24.706	ug/L	98
25) Chloroform	7.673	83	418252	24.456	ug/L	97

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:28:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	262152	24.382	ug/L	99
29) Cyclohexane	7.953	56	396796	23.890	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	376501	23.784	ug/L	99
31) Carbon tetrachloride	8.069	117	331257	23.488	ug/L	95
33) Benzene	8.319	78	900589	23.795	ug/L	100
34) Trichloroethene	9.087	95	253183	23.695	ug/L	94
35) Methylcyclohexane	9.331	83	450843	24.228	ug/L	98
37) 1,2-Dichloropropane	9.367	63	223588	23.681	ug/L	100
38) Bromodichloromethane	9.642	83	289824	23.612	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	379555	23.789	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	224491	44.815	ug/L	99
42) Toluene	10.386	91	977576	23.724	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	307072	23.571	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	146508	23.329	ug/L	96
46) Tetrachloroethene	10.861	164	186563	23.836	ug/L	95
48) 2-Hexanone	10.965	43	215410	50.562	ug/L	99
49) Dibromochloromethane	11.123	129	173327	23.283	ug/L	97
50) 1,2-Dibromoethane	11.233	107	140144	23.557	ug/L	99
51) Chlorobenzene	11.654	112	609405	23.587	ug/L	97
52) Ethylbenzene	11.727	91	1148287	24.044	ug/L	97
53) m,p-Xylene	11.836	106	438899	24.141	ug/L	96
54) o-Xylene	12.160	106	405678	23.676	ug/L	92
55) Styrene	12.178	104	677361	23.766	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	158275	23.379	ug/L	98
59) Bromoform	12.349	173	93572	23.182	ug/L	99
60) Isopropylbenzene	12.458	105	1146933	24.392	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	113920	23.170	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	985619	24.724	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	942634	24.465	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	472108	24.782	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	470090	24.905	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	398812	24.296	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	28199	22.601	ug/L	99
69) 1,3,5-Trichlorobenzene	14.616	180	332290	24.905	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	267132	24.069	ug/L	100
71) Naphthalene	15.360	128	461278	23.706	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	216081	24.164	ug/L	98

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

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