Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
Data File : VW030028.D
Acq On : 26 Aug 2024 15:58
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV469

Quant Time: Aug 27 05:36:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Aug 27 05:31:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	306699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	117332	25.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.840%			
7) Chloroethane-d5	2.893	69	84633	26.127	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.520%			
11) 1,1-Dichloroethene-d2	4.021	65	46787	23.994	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.960%			
21) 2-Butanone-d5	7.087	46	41941	46.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.200%			
24) Chloroform-d	7.648	84	220523	26.663	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.640%			
26) 1,2-Dichloroethane-d4	8.301	65	106940	25.464	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.840%			
32) Benzene-d6	8.270	84	434151	27.155	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.600%			
36) 1,2-Dichloropropane-d6	9.270	67	126221	26.946	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.800%			
41) Toluene-d8	10.319	98	401807	27.611	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.440%			
43) trans-1,3-Dichloroprop...	10.575	79	51826	26.897	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.600%			
47) 2-Hexanone-d5	10.922	63	36481	50.886	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.780%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88000	25.516	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	124125	25.763	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	80127	22.715	ug/L	100
3) Chloromethane	2.229	50	107679	26.259	ug/L	99
5) Vinyl chloride	2.375	62	124067	25.597	ug/L	99
6) Bromomethane	2.789	94	76406	25.367	ug/L	94
8) Chloroethane	2.936	64	70919	25.392	ug/L	97
9) Trichlorofluoromethane	3.259	101	102446	24.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	103853	25.863	ug/L	98
12) 1,1-Dichloroethene	4.045	96	100469	25.556	ug/L	91
13) Acetone	4.149	43	50734	60.966	ug/L	99
14) Carbon disulfide	4.393	76	327396	26.845	ug/L	99
15) Methyl Acetate	4.679	43	36056	22.223	ug/L	99
16) Methylene chloride	4.917	84	136454	26.932	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	111135	25.562	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	154306	23.207	ug/L	100
19) 1,1-Dichloroethane	6.216	63	202094	25.014	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	122089	25.407	ug/L	87
22) 2-Butanone	7.179	43	59156	49.678	ug/L	97
23) Bromochloromethane	7.514	128	49429	24.251	ug/L	96
25) Chloroform	7.679	83	205050	24.813	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126351	23.886	ug/L	99
29) Cyclohexane	7.953	56	176344	26.963	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	164101	25.866	ug/L	100
31) Carbon tetrachloride	8.063	117	146920	25.777	ug/L	99
33) Benzene	8.325	78	455802	26.265	ug/L	100
34) Trichloroethene	9.093	95	122968	26.315	ug/L	96
35) Methylcyclohexane	9.331	83	210103	27.452	ug/L	99
37) 1,2-Dichloropropane	9.367	63	113322	25.787	ug/L	100
38) Bromodichloromethane	9.642	83	141495	25.518	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	179093	26.478	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	105619	48.283	ug/L	99
42) Toluene	10.386	91	500281	27.070	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	143488	26.216	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	79403	24.652	ug/L	97
46) Tetrachloroethene	10.861	164	97077	27.371	ug/L	91
48) 2-Hexanone	10.965	43	83268	53.545	ug/L	96
49) Dibromochloromethane	11.123	129	85014	24.841	ug/L	89
50) 1,2-Dibromoethane	11.233	107	71916	23.902	ug/L	91
51) Chlorobenzene	11.654	112	300837	25.459	ug/L	99
52) Ethylbenzene	11.727	91	569053	27.175	ug/L	100
53) m,p-Xylene	11.837	106	207274	26.524	ug/L	95
54) o-Xylene	12.160	106	197607	26.346	ug/L	94
55) Styrene	12.178	104	338806	26.960	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	85738	23.638	ug/L	97
59) Bromoform	12.349	173	47502	23.948	ug/L	92
60) Isopropylbenzene	12.458	105	544160	25.606	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59807	22.082	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	448342	28.374	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	434380	26.081	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	223079	24.624	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	222380	24.299	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	206003	25.419	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13243	22.843	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	155321	26.260	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	136491	26.663	ug/L	97
71) Naphthalene	15.360	128	240804	24.634	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110672	24.630	ug/L	98

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

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