Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071724\
Data File : VW029621.D
Acq On : 17 Jul 2024 17:31
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.28g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Quant Time: Jul 18 02:23:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 18 02:17:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	244747	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71632	18.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.480%			
7) Chloroethane-d5	2.893	69	59281	20.823	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.280%			
11) 1,1-Dichloroethene-d2	4.021	65	36332	20.464	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.840%			
21) 2-Butanone-d5	7.075	46	53162	44.792	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.580%			
24) Chloroform-d	7.648	84	171058	24.176	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.720%			
26) 1,2-Dichloroethane-d4	8.301	65	98655	23.772	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.080%			
32) Benzene-d6	8.270	84	317068	23.393	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.560%			
36) 1,2-Dichloropropane-d6	9.270	67	103453	23.872	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.480%			
41) Toluene-d8	10.325	98	279692	23.464	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.840%			
43) trans-1,3-Dichloroprop...	10.575	79	39802	21.689	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.760%			
47) 2-Hexanone-d5	10.922	63	37686	47.856	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.720%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83150	23.632	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.520%			
66) 1,2-Dichlorobenzene-d4	13.849	152	88588	22.928	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	44038	18.375	ug/L	89
3) Chloromethane	2.223	50	66308	20.679	ug/L	95
5) Vinyl chloride	2.375	62	82830	22.636	ug/L	94
6) Bromomethane	2.790	94	50460	23.289	ug/L	91
8) Chloroethane	2.930	64	55929	24.839	ug/L	99
9) Trichlorofluoromethane	3.265	101	75385	22.886	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79119	24.407	ug/L	97
12) 1,1-Dichloroethene	4.039	96	73951	24.297	ug/L	90
13) Acetone	4.119	43	56964	47.553	ug/L	99
14) Carbon disulfide	4.393	76	209345	21.179	ug/L	99
15) Methyl Acetate	4.667	43	50975	24.237	ug/L	99
16) Methylene chloride	4.917	84	117557	26.829	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	84392	25.047	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	152975	26.684	ug/L	99
19) 1,1-Dichloroethane	6.216	63	187331	27.073	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	97078	26.348	ug/L	95
22) 2-Butanone	7.167	43	73835	46.950	ug/L	98
23) Bromochloromethane	7.520	128	41523	25.055	ug/L	85
25) Chloroform	7.673	83	187696	28.035	ug/L	97

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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	136231	27.129	ug/L	98
29) Cyclohexane	7.953	56	147678	26.212	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	141194	27.328	ug/L	98
31) Carbon tetrachloride	8.069	117	126408	26.715	ug/L	98
33) Benzene	8.325	78	382631	27.029	ug/L	100
34) Trichloroethene	9.093	95	97647	26.121	ug/L	93
35) Methylcyclohexane	9.337	83	164505	27.378	ug/L	99
37) 1,2-Dichloropropane	9.368	63	111013	28.359	ug/L	100
38) Bromodichloromethane	9.642	83	132673	27.747	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	164594	27.994	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	153459	55.624	ug/L	98
42) Toluene	10.386	91	407931	28.168	ug/L	88
44) trans-1,3-Dichloropropene	10.605	75	138254	27.435	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	76291	27.099	ug/L	95
46) Tetrachloroethene	10.861	164	71782	27.028	ug/L	89
48) 2-Hexanone	10.965	43	113027	54.533	ug/L	99
49) Dibromochloromethane	11.130	129	81375	27.774	ug/L	100
50) 1,2-Dibromoethane	11.233	107	69321	25.838	ug/L	95
51) Chlorobenzene	11.654	112	252030	26.921	ug/L	97
52) Ethylbenzene	11.727	91	474632	28.927	ug/L	96
53) m,p-Xylene	11.837	106	172870	28.700	ug/L	94
54) o-Xylene	12.160	106	162835	29.229	ug/L	99
55) Styrene	12.178	104	286420	29.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	94144	26.510	ug/L	97
59) Bromoform	12.349	173	42766	24.972	ug/L	99
60) Isopropylbenzene	12.459	105	471183	30.184	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70401	26.220	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	341794	30.782	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	372898	30.428	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	192512	27.513	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	193367	26.975	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	174449	27.581	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	15508	24.160	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	119426	26.164	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	100346	24.984	ug/L	97
71) Naphthalene	15.360	128	216555	25.689	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	89027	24.397	ug/L	94

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

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