Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030421\
Data File : BM028990.D
Acq On : 04 Mar 2021 16:42
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
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3/5/2021 2:44:38 PM

Quant Time: Mar 04 17:28:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 09:45:23 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	13139	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	53127	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	31323	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	59286	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	49961	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	47506	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	2557	8.76	ng/uL	0.00
5) Phenol-d5	6.95	99	19581	20.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	11789	21.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	17761	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	16382	21.45	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	7721	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	8684	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	16808	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	21587	23.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	44607	20.72	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	59200	20.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	6819	18.20	ng/ul	0.00
58) Fluorene-d10	15.42	176	38464	20.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	6615	18.71	ng/ul	0.00
71) Anthracene-d10	17.27	188	55787	20.70	ng/ul	0.00
79) Pyrene-d10	19.56	212	54033	22.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	48984	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2359	8.021	ng/uL	88
4) Benzaldehyde	6.91	77	12505m	26.499	ng/ul	
6) Phenol	6.97	94	20989	21.297	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.20	93	16101	21.082	ng/ul	98
10) 2-Chlorophenol	7.33	128	18135	20.901	ng/ul	97
11) 2-Methylphenol	8.23	108	15562	20.922	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.30	45	27816m	23.557	ng/ul	
14) Acetophenone	8.60	105	27035	21.731	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.59	70	12437	22.593	ng/ul	93
16) 4-Methylphenol	8.56	108	16772	21.196	ng/ul	99
17) Hexachloroethane	8.83	117	7848	21.157	ng/ul	92
20) Nitrobenzene	8.98	77	19182	21.379	ng/ul	99
21) Isophorone	9.50	82	33138	21.877	ng/ul	98
23) 2-Nitrophenol	9.69	139	10237	21.305	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	19812	21.433	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.99	93	20772	20.962	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	16782	21.210	ng/ul	99
28) Naphthalene	10.62	128	55959	20.646	ng/ul	98
30) 4-Chloroaniline	10.74	127	21611	23.664	ng/ul	99
31) Hexachlorobutadiene	10.88	225	11114	21.540	ng/ul	95
32) Caprolactam	11.53	113	4259	20.121	ng/ul	87
33) 4-Chloro-3-methylphenol	11.88	107	16931	21.232	ng/ul	97
34) 2-Methylnaphthalene	12.23	142	38529	20.799	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.45	142	37209	20.866 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	19378	19.861 ng/ul	97
38) Hexachlorocyclopentadiene	12.57	237	6384	16.928 ng/ul	97
39) 2,4,6-Trichlorophenol	12.86	196	12781	20.730 ng/ul	93
40) 2,4,5-Trichlorophenol	12.93	196	13577	20.656 ng/ul	98
41) 1,1'-Biphenyl	13.26	154	48786	19.978 ng/ul	98
42) 2-Chloronaphthalene	13.30	162	38375	19.930 ng/ul	98
43) 2-Nitroaniline	13.52	65	11205	22.469 ng/ul	94
45) Dimethylphthalate	13.89	163	46216	20.577 ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	9593	21.687 ng/ul	98
48) Acenaphthylene	14.15	152	56008	20.430 ng/ul	99
49) 3-Nitroaniline	14.36	138	9215	21.412 ng/ul	97
50) Acenaphthene	14.49	153	40300	20.309 ng/ul	98
51) 2,4-Dinitrophenol	14.59	184	3940	15.874 ng/ul#	88
53) 4-Nitrophenol	14.68	109	6697	20.139 ng/ul	91
54) Dibenzofuran	14.83	168	55988	20.379 ng/ul	97
55) 2,4-Dinitrotoluene	14.82	165	13239	20.614 ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	15.06	232	10334	20.314 ng/ul	95
57) Diethylphthalate	15.26	149	47574	20.951 ng/ul	99
59) Fluorene	15.48	166	45461	20.179 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.47	204	22643	20.362 ng/ul	97
61) 4-Nitroaniline	15.52	138	8993	20.281 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	6787	18.921 ng/ul#	97
65) N-Nitrosodiphenylamine	15.69	169	37512	20.596 ng/ul	94
66) 4-Bromophenyl-phenylether	16.37	248	12571	20.834 ng/ul	99
67) Hexachlorobenzene	16.47	284	14194	20.945 ng/ul	97
68) Atrazine	16.64	200	13070	20.395 ng/ul	97
69) Pentachlorophenol	16.83	266	7177	19.723 ng/ul	99
70) Phenanthrene	17.22	178	66451	20.448 ng/ul	99
72) Anthracene	17.30	178	69058	20.620 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.22	216	19422	20.879 ng/uL	96
74) Pentachlorobenzene	14.74	250	18056	21.074 ng/uL	95
75) Carbazole	17.59	167	59063	19.966 ng/ul	99
76) Di-n-butylphthalate	18.13	149	74610	20.981 ng/ul	99
77) Fluoranthene	19.23	202	70217	19.817 ng/ul	99
80) Pyrene	19.59	202	72741	22.226 ng/ul	98
81) Butylbenzylphthalate	20.49	149	30244	21.312 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	22064	21.898 ng/ul	98
83) Benzo(a)anthracene	21.33	228	64238	20.574 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	42908	20.240 ng/ul	99
85) Chrysene	21.37	228	62799	20.733 ng/ul	100
87) Di-n-octyl phthalate	22.11	149	71159	19.734 ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	60240	19.514 ng/ul	99
89) Benzo(k)fluoranthene	22.92	252	62521	21.703 ng/ul	99
91) Benzo(a)pyrene	23.44	252	55379	20.654 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.74	276	69107	20.389 ng/ul	99
93) Dibenzo(a,h)anthracene	25.75	278	59194	20.461 ng/ul	98
94) Benzo(g,h,i)perylene	26.42	276	57493	20.307 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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