Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052521\
Data File : BN014720.D
Acq On : 24 May 2021 20:25
Operator : CG/JU
Sample : SSTD01051
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010051

Manual Integrations APPROVED
mohammad
5/25/2021 11:18:43 AM

Quant Time: May 25 01:30:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 01:17:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	214315	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	842789	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	669743	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1635909	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	2173561	20.00	ng/ul	0.00
88) Perylene-d12	23.58	264	2626004	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	20512	3.64	ng/uL	0.00
4) Pyridine-d5	3.64	84	105538	7.07	ng/ul	0.00
7) Phenol-d5	6.89	99	188054	10.50	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	98857	9.21	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	129727	9.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	148251	10.92	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	58754	9.65	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	60317	10.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	151297	11.78	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	176411	9.26	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	539729	11.12	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	630841	10.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	75731	8.05	ng/ul	0.00
60) Fluorene-d10	15.36	176	477613	11.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	76945m	8.79	ng/ul	0.00
73) Anthracene-d10	17.22	188	808232	10.59	ng/ul	0.00
81) Pyrene-d10	19.52	212	1068229	10.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.43	264	1470561	10.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	26746m	4.663	ng/uL	
5) Pyridine	3.66	79	112206	7.319	ng/ul	93
6) Benzaldehyde	6.86	77	132178	14.612	ng/ul	93
8) Phenol	6.92	94	192174	9.978	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.14	93	155969	10.297	ng/ul#	93
12) 2-Chlorophenol	7.28	128	136926	9.088	ng/ul	95
13) 2-Methylphenol	8.16	108	143655	10.286	ng/ul	92
14) 2,2'-oxybis(1-Chloropropan	8.25	45	104549	6.244	ng/ul	91
16) Acetophenone	8.53	105	268573	11.765	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.52	70	128513	12.108	ng/ul#	90
18) 4-Methylphenol	8.48	108	159468	10.544	ng/ul	95
19) Hexachloroethane	8.79	117	66521	10.503	ng/ul	96
22) Nitrobenzene	8.90	77	193721	12.025	ng/ul	98
23) Isophorone	9.43	82	362185	13.368	ng/ul	99
25) 2-Nitrophenol	9.62	139	66280	9.405	ng/ul	95
26) 2,4-Dimethylphenol	9.68	107	223913	14.273	ng/ul	91
27) Bis(2-Chloroethoxy)methane	9.92	93	229124	12.413	ng/ul	95
29) 2,4-Dichlorophenol	10.15	162	153122	11.614	ng/ul	99
30) Naphthalene	10.55	128	468422	10.028	ng/ul	97
32) 4-Chloroaniline	10.66	127	192594	9.820	ng/ul	99
33) Hexachlorobutadiene	10.84	225	133602	15.520	ng/ul	89
34) Caprolactam	11.45	113	34572m	9.408	ng/ul	

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35) 4-Chloro-3-methylphenol	11.80	107	211229	16.208	ng/ul	97
36) 2-Methylnaphthalene	12.17	142	353238	11.099	ng/ul	98
37) 1-Methylnaphthalene	12.39	142	355792	11.226	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	264881	11.685	ng/ul	90
40) Hexachlorocyclopentadiene	12.52	237	162631	11.553	ng/ul	98
41) 2,4,6-Trichlorophenol	12.79	196	134551	10.270	ng/ul	98
42) 2,4,5-Trichlorophenol	12.86	196	151314	10.407	ng/ul	97
43) 1,1'-Biphenyl	13.19	154	492720	8.945	ng/ul	96
44) 2-Chloronaphthalene	13.23	162	382634	8.886	ng/ul	96
45) 2-Nitroaniline	13.43	65	95671	9.584	ng/ul	88
47) Dimethylphthalate	13.82	163	543903	10.798	ng/ul	98
48) 2,6-Dinitrotoluene	13.94	165	93428	10.577	ng/ul	94
50) Acenaphthylene	14.08	152	582848	9.385	ng/ul	95
51) 3-Nitroaniline	14.27	138	83677	7.688	ng/ul	98
52) Acenaphthene	14.43	153	425991	9.404	ng/ul	99
53) 2,4-Dinitrophenol	14.47	184	83579	16.210	ng/ul	94
55) 4-Nitrophenol	14.59	109	241637	29.968	ng/ul	88
56) Dibenzofuran	14.76	168	627438	9.953	ng/ul	90
57) 2,4-Dinitrotoluene	14.73	165	158513	12.422	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.99	232	161808	14.145	ng/ul	98
59) Diethylphthalate	15.19	149	512010	9.937	ng/ul	99
61) Fluorene	15.42	166	504358	9.869	ng/ul	89
62) 4-Chlorophenyl-phenylether	15.41	204	302790	12.032	ng/ul	94
63) 4-Nitroaniline	15.43	138	86796	8.193	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.49	198	73815	7.962	ng/ul#	97
67) N-Nitrosodiphenylamine	15.63	169	460544	9.048	ng/ul	96
68) 4-Bromophenyl-phenylether	16.31	248	217490	12.567	ng/ul	88
69) Hexachlorobenzene	16.42	284	285689	13.829	ng/ul#	92
70) Atrazine	16.58	200	187623	10.372	ng/ul	96
71) Pentachlorophenol	16.77	266	199290	16.592	ng/ul	96
72) Phenanthrene	17.16	178	920090	9.633	ng/ul	98
74) Anthracene	17.25	178	927201	9.557	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	289774	10.757	ng/uL	89
76) Pentachlorobenzene	14.69	250	294787	11.010	ng/uL	96
77) Carbazole	17.52	167	798202	9.095	ng/ul	98
78) Di-n-butylphthalate	18.09	149	867722	9.138	ng/ul	98
80) Fluoranthene	19.18	202	1225388	9.191	ng/ul	99
82) Pyrene	19.55	202	1288426	9.075	ng/ul	98
83) Butylbenzylphthalate	20.46	149	382861	8.213	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.23	252	477010	12.271	ng/ul	99
85) Benzo(a)anthracene	21.30	228	1449319	10.320	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.24	149	623546	8.207	ng/ul	99
87) Chrysene	21.35	228	1432602	10.524	ng/ul	97
89) Di-n-octyl phthalate	22.13	149	1123870	6.855	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	1708749	9.726	ng/ul	97
91) Benzo(k)fluoranthene	22.94	252	1680561	9.609	ng/ul	99
93) Benzo(a)pyrene	23.48	252	1511806	9.726	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.86	276	2046497m	9.934	ng/ul	
95) Dibenzo(a,h)anthracene	25.88	278	1757503	10.334	ng/ul	98
96) Benzo(g,h,i)perylene	26.56	276	1737903	10.439	ng/ul#	92

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

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