Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012290.D
Acq On : 17 Oct 2020 13:20
Operator : CG/JU
Sample : SSTD02056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
mohammad
10/19/2020 1:24:45 PM

Quant Time: Oct 17 14:50:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 13:54:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	205260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	836311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	513929	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1074331	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1032956	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	1041008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	36083	7.77	ng/uL	0.00
5) Phenol-d5	6.78	99	370969	20.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	223962	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	298205	21.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	301928	21.07	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	145900	21.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	162844	21.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	298373	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	341055	19.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	875200	20.80	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1049425	21.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	163489	20.83	ng/ul	0.00
58) Fluorene-d10	15.24	176	721967	19.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	152320	21.40	ng/ul	0.00
71) Anthracene-d10	17.09	188	1106635	21.04	ng/ul	0.00
79) Pyrene-d10	19.39	212	1189671	22.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1273140	21.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	41315	7.862	ng/uL	100
4) Benzaldehyde	6.76	77	152357	15.149	ng/ul	100
6) Phenol	6.81	94	382353	20.479	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.04	93	304095	20.503	ng/ul	100
10) 2-Chlorophenol	7.17	128	312529	21.326	ng/ul	100
11) 2-Methylphenol	8.05	108	292732	20.930	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	410852	21.138	ng/ul	100
14) Acetophenone	8.42	105	470772	20.984	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.41	70	248348	21.758	ng/ul	100
16) 4-Methylphenol	8.37	108	319033	21.232	ng/ul	100
17) Hexachloroethane	8.66	117	135341	21.144	ng/ul	100
20) Nitrobenzene	8.79	77	387776	21.222	ng/ul	100
21) Isophorone	9.32	82	681728	21.295	ng/ul	100
23) 2-Nitrophenol	9.50	139	177263	21.177	ng/ul	100
24) 2,4-Dimethylphenol	9.56	107	352534	20.622	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.80	93	411725	20.496	ng/ul	100
27) 2,4-Dichlorophenol	10.03	162	292414	20.749	ng/ul	100
28) Naphthalene	10.42	128	988588	20.178	ng/ul	100
30) 4-Chloroaniline	10.54	127	340705	19.654	ng/ul	100
31) Hexachlorobutadiene	10.71	225	183320	19.710	ng/ul	100
32) Caprolactam	11.32	113	96161m	21.174	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	336605	21.206	ng/ul	100
34) 2-Methylnaphthalene	12.05	142	682146	20.260	ng/ul	100

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35) 1-Methylnaphthalene	12.26	142	671744	20.304	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	331661	20.551	ng/ul	100
38) Hexachlorocyclopentadiene	12.40	237	211064	19.207	ng/ul	100
39) 2,4,6-Trichlorophenol	12.66	196	229869	21.534	ng/ul	100
40) 2,4,5-Trichlorophenol	12.73	196	244423	21.252	ng/ul	100
41) 1,1'-Biphenyl	13.07	154	898232	21.105	ng/ul	100
42) 2-Chloronaphthalene	13.11	162	699902	20.710	ng/ul	100
43) 2-Nitroaniline	13.32	65	220007	22.320	ng/ul	100
45) Dimethylphthalate	13.71	163	912333	20.777	ng/ul	100
46) 2,6-Dinitrotoluene	13.83	165	192439	22.037	ng/ul	100
48) Acenaphthylene	13.96	152	1077301	20.908	ng/ul	100
49) 3-Nitroaniline	14.16	138	146543	18.207	ng/ul	100
50) Acenaphthene	14.31	153	760063	20.773	ng/ul	100
51) 2,4-Dinitrophenol	14.37	184	107157	19.428	ng/ul	100
53) 4-Nitrophenol	14.47	109	142993	20.115	ng/ul	100
54) Dibenzofuran	14.65	168	1049142	20.593	ng/ul	100
55) 2,4-Dinitrotoluene	14.62	165	272164	21.488	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.87	232	208800	20.798	ng/ul	100
57) Diethylphthalate	15.08	149	923695	20.181	ng/ul	100
59) Fluorene	15.30	166	874522	20.409	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.30	204	422307	20.197	ng/ul	100
61) 4-Nitroaniline	15.32	138	158236	18.018	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.39	198	168377	21.658	ng/ul	100
65) N-Nitrosodiphenylamine	15.51	169	741761	21.892	ng/ul	100
66) 4-Bromophenyl-phenylether	16.19	248	254560	21.291	ng/ul	100
67) Hexachlorobenzene	16.30	284	302129	21.081	ng/ul	100
68) Atrazine	16.47	200	260723	20.351	ng/ul	100
69) Pentachlorophenol	16.65	266	171788	19.888	ng/ul	100
70) Phenanthrene	17.03	178	1362546	20.781	ng/ul	100
72) Anthracene	17.12	178	1366651	20.463	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	328486	22.422	ng/uL	100
74) Pentachlorobenzene	14.56	250	334696	21.558	ng/uL	100
75) Carbazole	17.40	167	1246818	21.942	ng/ul	100
76) Di-n-butylphthalate	17.97	149	1626426	21.258	ng/ul	100
77) Fluoranthene	19.06	202	1593817	21.467	ng/ul	100
80) Pyrene	19.42	202	1675212	22.741	ng/ul	100
81) Butylbenzylphthalate	20.33	149	723262	22.143	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.12	252	500812	20.724	ng/ul	100
83) Benzo(a)anthracene	21.17	228	1458543	20.941	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	1139829	22.440	ng/ul	100
85) Chrysene	21.23	228	1480940	21.364	ng/ul	100
87) Di-n-octyl phthalate	21.98	149	1855784	23.376	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	1519209	21.233	ng/ul	100
89) Benzo(k)fluoranthene	22.76	252	1523388	21.745	ng/ul	100
91) Benzo(a)pyrene	23.27	252	1430045	21.890	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.54	276	1814067	21.804	ng/ul	100
93) Dibenzo(a,h)anthracene	25.56	278	1528622	21.856	ng/ul	100
94) Benzo(g,h,i)perylene	26.21	276	1479577	21.335	ng/ul	100

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

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