Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
Data File : BF123569.D
Acq On : 15 Apr 2021 15:48
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF041521

Manual Integrations APPROVED
mohammad
4/16/2021 11:31:49 AM

Quant Time: Apr 15 17:07:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 15:43:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	264645	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	981744	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	496478	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	954245	20.00	ng	0.00
76) Chrysene-d12	14.062	240	723427	20.00	ng	0.00
86) Perylene-d12	15.545	264	594094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1271720	77.67	ng	0.00
7) Phenol-d6	6.498	99	1772548	78.12	ng	0.00
23) Nitrobenzene-d5	7.439	82	1712478	80.19	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	493213	87.73	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2689891	80.77	ng	0.00
79) Terphenyl-d14	13.004	244	3025118	81.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	321026	37.53	ng	100
3) Pyridine	3.375	79	813018	38.87	ng	96
4) n-Nitrosodimethylamine	3.328	42	482813	38.95	ng	94
6) Aniline	6.534	93	1038767	38.89	ng	98
8) 2-Chlorophenol	6.657	128	681862	38.77	ng	97
9) Benzaldehyde	6.416	77	491849	33.20	ng	99
10) Phenol	6.516	94	954425	39.61	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	699636	39.05	ng	96
12) 1,3-Dichlorobenzene	6.816	146	707747	39.14	ng	95
13) 1,4-Dichlorobenzene	6.886	146	711100	38.76	ng	100
14) 1,2-Dichlorobenzene	7.045	146	660596	38.31	ng	97
15) Benzyl Alcohol	7.010	79	727066	40.61	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1599178	39.54	ng	100
17) 2-Methylphenol	7.122	107	598361	39.59	ng	97
18) Hexachloroethane	7.386	117	295976	40.46	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	589896	39.25	ng	99
20) 3+4-Methylphenols	7.275	107	764569	39.65	ng	95
22) Acetophenone	7.281	105	1074439	39.46	ng	93
24) Nitrobenzene	7.457	77	897719	39.93	ng	97
25) Isophorone	7.698	82	1646866	39.75	ng	98
26) 2-Nitrophenol	7.769	139	352239	45.84	ng	97
27) 2,4-Dimethylphenol	7.804	122	573468	40.44	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	833714	40.10	ng	99
29) 2,4-Dichlorophenol	8.016	162	567076	41.07	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	578603	39.00	ng	98
31) Naphthalene	8.180	128	1980519	39.16	ng	99
32) Benzoic acid	7.933	122	426231	45.45	ng	89
33) 4-Chloroaniline	8.228	127	818548	39.41	ng	98
34) Hexachlorobutadiene	8.298	225	377493	40.55	ng	99
35) Caprolactam	8.604	113	200841m	41.67	ng	
36) 4-Chloro-3-methylphenol	8.710	107	727458	40.63	ng	96
37) 2-Methylnaphthalene	8.875	142	1334596	40.25	ng	97
38) 1-Methylnaphthalene	8.975	142	1248747	39.80	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	571984	41.74	ng	100
41) Hexachlorocyclopentadiene	9.027	237	327241	45.96	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	413820	44.51	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	433654	42.66	ng		96
46) 1,1'-Biphenyl	9.339	154	1568804	40.37	ng		99
47) 2-Chloronaphthalene	9.363	162	1197890	40.97	ng		99
48) 2-Nitroaniline	9.457	65	531626	43.64	ng		92
49) Acenaphthylene	9.780	152	1966514	41.11	ng		99
50) Dimethylphthalate	9.645	163	1421350	41.44	ng		99
51) 2,6-Dinitrotoluene	9.704	165	327682	43.52	ng	#	81
52) Acenaphthene	9.957	154	1278523	41.66	ng		99
53) 3-Nitroaniline	9.869	138	366054	41.91	ng		95
54) 2,4-Dinitrophenol	9.974	184	168712	51.01	ng		91
55) Dibenzofuran	10.127	168	1789614	40.65	ng		99
56) 4-Nitrophenol	10.027	139	299764	44.79	ng		90
57) 2,4-Dinitrotoluene	10.104	165	436401	43.40	ng		87
58) Fluorene	10.469	166	1392510	40.24	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	367408	45.39	ng		98
60) Diethylphthalate	10.345	149	1574067	41.92	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	662772	41.49	ng		97
62) 4-Nitroaniline	10.486	138	371563	42.12	ng		92
63) Azobenzene	10.621	77	1739554	40.90	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	228993	45.99	ng		89
66) n-Nitrosodiphenylamine	10.580	169	1242231	40.67	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	410190	41.12	ng		96
68) Hexachlorobenzene	11.021	284	455100	40.48	ng		93
69) Atrazine	11.110	200	387176	40.67	ng		98
70) Pentachlorophenol	11.210	266	282662	48.12	ng		97
71) Phenanthrene	11.433	178	1977182	39.70	ng		99
72) Anthracene	11.486	178	1959478	39.37	ng		99
73) Carbazole	11.639	167	1962178	39.49	ng		98
74) Di-n-butylphthalate	11.974	149	2452547	40.79	ng		98
75) Fluoranthene	12.627	202	2157625	39.42	ng		98
77) Benzidine	12.745	184	977662	49.71	ng		98
78) Pyrene	12.857	202	2152358	40.77	ng		100
80) Butylbenzylphthalate	13.474	149	1028053	41.44	ng		99
81) Benzo(a)anthracene	14.051	228	1741928	39.29	ng		98
82) 3,3'-Dichlorobenzidine	14.009	252	558661	39.45	ng	#	95
83) Chrysene	14.086	228	1759373	39.52	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	1378649	41.79	ng		100
85) Di-n-octyl phthalate	14.657	149	2350882	44.28	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1351726	42.64	ng		98
88) Benzo(b)fluoranthene	15.109	252	1607622	38.33	ng		98
89) Benzo(k)fluoranthene	15.145	252	1468382	38.87	ng		98
90) Benzo(a)pyrene	15.486	252	1368450	41.02	ng		96
91) Dibenzo(a,h)anthracene	17.062	278	1139137	42.49	ng		97
92) Benzo(g,h,i)perylene	17.497	276	1059742	41.86	ng		98

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

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