Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124714.D
Acq On : 23 Jul 2021 15:39
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/27/2021 12:04:01 PM

Quant Time: Jul 23 16:17:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	8928	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	32734	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	17903	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	31297	20.000	ng	0.00
76) Chrysene-d12	14.039	240	20813	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	15269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	41228	78.187	ng	0.00
7) Phenol-d6	6.498	99	52353	79.197	ng	0.00
23) Nitrobenzene-d5	7.439	82	44976	81.776	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	12109	78.776	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	95240	78.134	ng	0.00
79) Terphenyl-d14	12.986	244	95652	78.778	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	7336	39.801	ng	# 100
3) Pyridine	3.428	79	18616	42.665	ng	95
4) n-Nitrosodimethylamine	3.393	42	14137	40.970	ng	# 96
6) Aniline	6.539	93	26952	39.672	ng	95
8) 2-Chlorophenol	6.657	128	23545	39.589	ng	95
9) Benzaldehyde	6.422	77	13133	36.900	ng	91
10) Phenol	6.510	94	25650	40.519	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	19617	39.083	ng	96
12) 1,3-Dichlorobenzene	6.816	146	25093	38.820	ng	96
13) 1,4-Dichlorobenzene	6.892	146	25708	39.755	ng	98
14) 1,2-Dichlorobenzene	7.045	146	24192	38.719	ng	99
15) Benzyl Alcohol	7.016	79	17938	41.265	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.145	45	33730	39.927	ng	98
17) 2-Methylphenol	7.122	107	17232	39.772	ng	99
18) Hexachloroethane	7.386	117	10115	41.268	ng	91
19) n-Nitroso-di-n-propyla...	7.292	70	14088	39.910	ng	96
20) 3+4-Methylphenols	7.275	107	22818	39.860	ng	97
22) Acetophenone	7.286	105	30381	40.051	ng	# 98
24) Nitrobenzene	7.457	77	21281	39.467	ng	98
25) Isophorone	7.698	82	38982	40.084	ng	97
26) 2-Nitrophenol	7.769	139	12671	42.427	ng	94
27) 2,4-Dimethylphenol	7.804	122	18295	39.811	ng	88
28) bis(2-Chloroethoxy)met...	7.904	93	22997	40.693	ng	98
29) 2,4-Dichlorophenol	8.010	162	19185	39.419	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	20882	39.147	ng	99
31) Naphthalene	8.181	128	67610	39.578	ng	98
32) Benzoic acid	7.928	122	14856	41.766	ng	93
33) 4-Chloroaniline	8.228	127	24777	38.571	ng	98
34) Hexachlorobutadiene	8.292	225	12452	39.052	ng	97
35) Caprolactam	8.610	113	5123m	40.499	ng	
36) 4-Chloro-3-methylphenol	8.704	107	18911	40.737	ng	97
37) 2-Methylnaphthalene	8.869	142	44958	39.388	ng	96
38) 1-Methylnaphthalene	8.969	142	41795	38.652	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	19370	38.777	ng	97
41) Hexachlorocyclopentadiene	9.022	237	11900	40.266	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	14309	40.352	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	15242	41.862	ng		95
46) 1,1'-Biphenyl	9.333	154	52798	39.509	ng		98
47) 2-Chloronaphthalene	9.357	162	41561	39.286	ng		97
48) 2-Nitroaniline	9.451	65	11164	40.302	ng		95
49) Acenaphthylene	9.775	152	63238	38.762	ng		99
50) Dimethylphthalate	9.639	163	48231	39.125	ng	#	99
51) 2,6-Dinitrotoluene	9.698	165	10607	38.947	ng		94
52) Acenaphthene	9.945	154	42658	39.443	ng		99
53) 3-Nitroaniline	9.869	138	10993	38.368	ng		99
54) 2,4-Dinitrophenol	9.969	184	6829	43.364	ng		85
55) Dibenzofuran	10.122	168	59555	38.537	ng		96
56) 4-Nitrophenol	10.016	139	8850	39.115	ng		90
57) 2,4-Dinitrotoluene	10.098	165	14651	39.643	ng	#	92
58) Fluorene	10.463	166	46080	38.868	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	11718	40.751	ng	#	94
60) Diethylphthalate	10.333	149	49056	38.268	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	21307	37.178	ng		99
62) 4-Nitroaniline	10.480	138	11263	39.728	ng		88
63) Azobenzene	10.616	77	44478	39.219	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	8530	42.085	ng		98
66) n-Nitrosodiphenylamine	10.574	169	39838	39.280	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	13191	39.741	ng		98
68) Hexachlorobenzene	11.010	284	13606	39.470	ng	#	91
69) Atrazine	11.098	200	12182	39.506	ng		94
70) Pentachlorophenol	11.198	266	8541	39.845	ng		95
71) Phenanthrene	11.427	178	64990	38.609	ng		99
72) Anthracene	11.474	178	65451	38.894	ng		98
73) Carbazole	11.627	167	60734	38.502	ng		99
74) Di-n-butylphthalate	11.957	149	79163	37.678	ng		99
75) Fluoranthene	12.610	202	64706	37.669	ng		97
77) Benzidine	12.733	184	24505	41.753	ng		99
78) Pyrene	12.839	202	66060	40.092	ng		98
80) Butylbenzylphthalate	13.457	149	31063	39.361	ng		96
81) Benzo(a)anthracene	14.027	228	53437	39.278	ng		97
82) 3,3'-Dichlorobenzidine	13.992	252	14800	39.199	ng		99
83) Chrysene	14.068	228	50644	38.639	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	44927	38.649	ng		98
85) Di-n-octyl phthalate	14.627	149	69867	37.038	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	35300	40.044	ng		96
88) Benzo(b)fluoranthene	15.074	252	43958	40.889	ng		99
89) Benzo(k)fluoranthene	15.109	252	39737	40.453	ng		99
90) Benzo(a)pyrene	15.445	252	36500	40.644	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	30692	39.772	ng		98
92) Benzo(g,h,i)perylene	17.427	276	28948	39.558	ng		96

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

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