Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123660.D
Acq On : 21 Apr 2021 11:05
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/22/2021 12:10:14 PM

Quant Time: Apr 21 11:25:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	268098	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	990468	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	481426	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	924033	20.00	ng		0.00
76) Chrysene-d12	14.039	240	684403	20.00	ng		0.00
86) Perylene-d12	15.515	264	484168	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1333179	80.37	ng		0.00
7) Phenol-d6	6.493	99	1823651	79.34	ng		0.00
23) Nitrobenzene-d5	7.422	82	1728081	80.21	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	469100	86.05	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2509755	77.71	ng		0.00
79) Terphenyl-d14	12.980	244	2718745	77.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	365883	42.22	ng		96
3) Pyridine	3.340	79	909778	42.93	ng		95
4) n-Nitrosodimethylamine	3.293	42	512026	40.78	ng		97
6) Aniline	6.516	93	1057598	39.09	ng		97
8) 2-Chlorophenol	6.640	128	719990	40.41	ng		95
9) Benzaldehyde	6.404	77	661953	44.11	ng		99
10) Phenol	6.504	94	981907	40.22	ng		89
11) bis(2-Chloroethyl)ether	6.587	93	717503	39.53	ng		99
12) 1,3-Dichlorobenzene	6.793	146	724389	39.55	ng		99
13) 1,4-Dichlorobenzene	6.869	146	733719	39.47	ng		98
14) 1,2-Dichlorobenzene	7.028	146	689136	39.45	ng		99
15) Benzyl Alcohol	6.998	79	735319	40.55	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1539784	37.58	ng		98
17) 2-Methylphenol	7.110	107	634108	41.42	ng		96
18) Hexachloroethane	7.369	117	292890	39.52	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	565473	37.14	ng		98
20) 3+4-Methylphenols	7.263	107	737825	37.77	ng	#	79
22) Acetophenone	7.263	105	1033799	37.63	ng		92
24) Nitrobenzene	7.440	77	893520	39.39	ng		99
25) Isophorone	7.681	82	1586056	37.94	ng		97
26) 2-Nitrophenol	7.751	139	378223	48.79	ng		98
27) 2,4-Dimethylphenol	7.792	122	571584	39.96	ng		98
28) bis(2-Chloroethoxy)met...	7.887	93	815957	38.90	ng		99
29) 2,4-Dichlorophenol	7.998	162	567090	40.71	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	571139	38.16	ng		99
31) Naphthalene	8.163	128	2006685	39.33	ng		100
32) Benzoic acid	7.922	122	400368	42.63	ng		95
33) 4-Chloroaniline	8.210	127	838788	40.03	ng		97
34) Hexachlorobutadiene	8.281	225	357824	38.10	ng		100
35) Caprolactam	8.586	113	198092	40.74	ng		94
36) 4-Chloro-3-methylphenol	8.698	107	715893	39.63	ng		91
37) 2-Methylnaphthalene	8.851	142	1285249	38.42	ng		98
38) 1-Methylnaphthalene	8.951	142	1203783	38.03	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	550981	41.47	ng		98
41) Hexachlorocyclopentadiene	9.010	237	245673	35.58	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	389415	43.19	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	428760	43.50	ng		99
46) 1,1'-Biphenyl	9.322	154	1514732	40.20	ng		98
47) 2-Chloronaphthalene	9.345	162	1154434	40.71	ng		98
48) 2-Nitroaniline	9.439	65	524179	44.37	ng		96
49) Acenaphthylene	9.763	152	1887620	40.70	ng		100
50) Dimethylphthalate	9.622	163	1300297	39.09	ng		99
51) 2,6-Dinitrotoluene	9.681	165	313221	42.90	ng		98
52) Acenaphthene	9.933	154	1151179	38.68	ng		100
53) 3-Nitroaniline	9.851	138	369413	43.62	ng		96
54) 2,4-Dinitrophenol	9.957	184	171111	53.36	ng		95
55) Dibenzofuran	10.104	168	1697210	39.76	ng		100
56) 4-Nitrophenol	10.022	139	282529	43.53	ng		97
57) 2,4-Dinitrotoluene	10.086	165	420847	43.16	ng		97
58) Fluorene	10.451	166	1297865	38.68	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	327103	41.67	ng		100
60) Diethylphthalate	10.322	149	1382105	37.96	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	595551	38.45	ng		100
62) 4-Nitroaniline	10.469	138	377229	44.10	ng		99
63) Azobenzene	10.598	77	1579221	38.29	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	242471	50.29	ng	#	79
66) n-Nitrosodiphenylamine	10.557	169	1172908	39.65	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	377835	39.11	ng		94
68) Hexachlorobenzene	10.998	284	424086	38.95	ng		98
69) Atrazine	11.086	200	358871	38.93	ng		99
70) Pentachlorophenol	11.192	266	236997	41.66	ng		97
71) Phenanthrene	11.416	178	1869178	38.76	ng		99
72) Anthracene	11.463	178	1882865	39.07	ng		100
73) Carbazole	11.622	167	1904637	39.59	ng		98
74) Di-n-butylphthalate	11.951	149	2119952	36.41	ng		99
75) Fluoranthene	12.604	202	2033167	38.36	ng		98
77) Benzidine	12.722	184	765137	41.13	ng		98
78) Pyrene	12.833	202	2062632	41.30	ng		99
80) Butylbenzylphthalate	13.451	149	914400	38.96	ng		98
81) Benzo(a)anthracene	14.027	228	1594314	38.01	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	538788	40.22	ng	#	98
83) Chrysene	14.063	228	1564594	37.15	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	1095010	35.09	ng		98
85) Di-n-octyl phthalate	14.633	149	1765641	35.15	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1089192	42.16	ng		96
88) Benzo(b)fluoranthene	15.080	252	1310238m	38.33	ng		
89) Benzo(k)fluoranthene	15.116	252	1211945	39.38	ng		99
90) Benzo(a)pyrene	15.457	252	1087352	39.99	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	922386	42.22	ng		98
92) Benzo(g,h,i)perylene	17.451	276	921792	44.09	ng		98

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

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