Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112720\
Data File : BF122494.D
Acq On : 27 Nov 2020 10:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 27 11:39:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	210488	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	768404	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	406942	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	749693	20.00	ng		0.00
76) Chrysene-d12	14.033	240	656136	20.00	ng		0.00
86) Perylene-d12	15.498	264	652242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1065320	77.71	ng		0.00
7) Phenol-d6	6.498	99	1362013	75.95	ng		0.00
23) Nitrobenzene-d5	7.428	82	1126953	89.79	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	396049	90.68	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1984298	76.19	ng		0.00
79) Terphenyl-d14	12.974	244	2355382	76.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	232830	37.04	ng		87
3) Pyridine	3.375	79	635380	36.75	ng		89
4) n-Nitrosodimethylamine	3.334	42	264405	32.44	ng		87
6) Aniline	6.522	93	863481	36.70	ng		97
8) 2-Chlorophenol	6.645	128	558897	39.31	ng		92
9) Benzaldehyde	6.404	77	365545	37.86	ng		99
10) Phenol	6.510	94	707909	40.09	ng		92
11) bis(2-Chloroethyl)ether	6.592	93	524700	37.38	ng		94
12) 1,3-Dichlorobenzene	6.798	146	620373	38.44	ng		98
13) 1,4-Dichlorobenzene	6.875	146	629738	38.84	ng		98
14) 1,2-Dichlorobenzene	7.034	146	589502	38.96	ng		99
15) Benzyl Alcohol	7.004	79	482323	37.83	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	688325	33.64	ng		94
17) 2-Methylphenol	7.116	107	460858	38.84	ng		99
18) Hexachloroethane	7.375	117	221992	39.32	ng		93
19) n-Nitroso-di-n-propyla...	7.275	70	368272	34.37	ng		94
20) 3+4-Methylphenols	7.269	107	538293	36.87	ng		97
22) Acetophenone	7.269	105	718293	35.89	ng		95
24) Nitrobenzene	7.445	77	594055	41.37	ng		92
25) Isophorone	7.686	82	1014875	36.27	ng		94
26) 2-Nitrophenol	7.757	139	293815	47.25	ng		99
27) 2,4-Dimethylphenol	7.798	122	475935	36.06	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	639463	37.36	ng		99
29) 2,4-Dichlorophenol	8.004	162	476996	40.82	ng		95
30) 1,2,4-Trichlorobenzene	8.086	180	508640	39.44	ng		97
31) Naphthalene	8.169	128	1577719	38.62	ng		99
32) Benzoic acid	7.922	122	244304	35.85	ng		99
33) 4-Chloroaniline	8.216	127	687326	38.63	ng		96
34) Hexachlorobutadiene	8.286	225	295086	39.81	ng		99
35) Caprolactam	8.592	113	150988	40.77	ng	#	80
36) 4-Chloro-3-methylphenol	8.698	107	495753	40.68	ng		96
37) 2-Methylnaphthalene	8.857	142	1047692	38.82	ng		98
38) 1-Methylnaphthalene	8.957	142	980241	38.80	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	502037	40.04	ng		99
41) Hexachlorocyclopentadiene	9.010	237	280108	38.20	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	335389	41.18	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	370377	43.38	ng		99
46) 1,1'-Biphenyl	9.322	154	1259234	38.87	ng		99
47) 2-Chloronaphthalene	9.345	162	1007055	39.17	ng		99
48) 2-Nitroaniline	9.439	65	308779	41.14	ng		94
49) Acenaphthylene	9.763	152	1548532	39.19	ng		99
50) Dimethylphthalate	9.622	163	1149599	39.74	ng		99
51) 2,6-Dinitrotoluene	9.686	165	267699	42.09	ng	#	80
52) Acenaphthene	9.933	154	980696	40.10	ng		98
53) 3-Nitroaniline	9.857	138	295011	40.81	ng		91
54) 2,4-Dinitrophenol	9.957	184	112240	54.11	ng		93
55) Dibenzofuran	10.104	168	1398026	39.01	ng		99
56) 4-Nitrophenol	10.016	139	231078	39.56	ng		98
57) 2,4-Dinitrotoluene	10.086	165	360647	44.81	ng		90
58) Fluorene	10.451	166	1071086	39.03	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	307363	43.29	ng		97
60) Diethylphthalate	10.322	149	1097060	38.66	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	510239	39.39	ng		95
62) 4-Nitroaniline	10.469	138	300406	42.31	ng		97
63) Azobenzene	10.598	77	1070570	35.96	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	168931	51.09	ng		88
66) n-Nitrosodiphenylamine	10.563	169	966411	37.83	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	346513	39.33	ng		94
68) Hexachlorobenzene	10.998	284	386680	40.62	ng		98
69) Atrazine	11.086	200	252612	39.71	ng		98
70) Pentachlorophenol	11.192	266	221412	40.38	ng		99
71) Phenanthrene	11.410	178	1629866	38.32	ng		99
72) Anthracene	11.463	178	1692113	38.60	ng		99
73) Carbazole	11.616	167	1549161	38.84	ng		100
74) Di-n-butylphthalate	11.951	149	1639312	38.56	ng		99
75) Fluoranthene	12.604	202	1757397	39.58	ng		97
77) Benzidine	12.721	184	678825	37.30	ng		99
78) Pyrene	12.833	202	1782792	38.68	ng		99
80) Butylbenzylphthalate	13.445	149	715326	39.33	ng		99
81) Benzo(a)anthracene	14.021	228	1603747	39.30	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	635860	41.81	ng		99
83) Chrysene	14.057	228	1591238	38.72	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	913378	41.10	ng		96
85) Di-n-octyl phthalate	14.621	149	1620830	43.03	ng		95
87) Indeno(1,2,3-cd)pyrene	16.974	276	1563972	39.96	ng		99
88) Benzo(b)fluoranthene	15.074	252	1673281	39.61	ng		99
89) Benzo(k)fluoranthene	15.104	252	1563780	37.96	ng		99
90) Benzo(a)pyrene	15.439	252	1454197	39.49	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	1270013	38.74	ng		98
92) Benzo(g,h,i)perylene	17.421	276	1278362	40.10	ng		98

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

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