Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122218.D
Acq On : 2 Nov 2020 10:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 02 11:02:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/3/2020 10:01:52 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	93255	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	354095	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	186885	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	347240	20.00	ng		0.00
76) Chrysene-d12	13.886	240	255198	20.00	ng		0.00
86) Perylene-d12	15.321	264	195777	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	523267	82.82	ng		0.00
7) Phenol-d6	6.369	99	634512	78.01	ng		0.00
23) Nitrobenzene-d5	7.287	82	559178	80.99	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	187196	80.97	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	975214	76.78	ng		0.00
79) Terphenyl-d14	12.822	244	1135075	84.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.363	88	103691	37.31	ng		99
3) Pyridine	3.087	79	277599	37.99	ng		99
4) n-Nitrosodimethylamine	3.052	42	139718	39.56	ng		92
6) Aniline	6.381	93	385220	38.46	ng	#	53
8) 2-Chlorophenol	6.504	128	255605	40.02	ng		97
9) Benzaldehyde	6.269	77	178473	39.80	ng		98
10) Phenol	6.381	94	327528	39.02	ng	#	59
11) bis(2-Chloroethyl)ether	6.451	93	256297	39.50	ng		99
12) 1,3-Dichlorobenzene	6.645	146	283415	39.45	ng		99
13) 1,4-Dichlorobenzene	6.728	146	287652	39.88	ng		98
14) 1,2-Dichlorobenzene	6.881	146	257547	39.06	ng		98
15) Benzyl Alcohol	6.869	79	228683	43.47	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.987	45	392089	39.26	ng	#	30
17) 2-Methylphenol	6.987	107	211442	38.72	ng	#	83
18) Hexachloroethane	7.210	117	105574	40.53	ng		97
19) n-Nitroso-di-n-propyla...	7.134	70	196777	42.49	ng		98
20) 3+4-Methylphenols	7.145	107	293454	44.57	ng	#	65
22) Acetophenone	7.128	105	371569	40.78	ng	#	90
24) Nitrobenzene	7.304	77	298117	40.39	ng		100
25) Isophorone	7.540	82	525101	40.22	ng		98
26) 2-Nitrophenol	7.622	139	137820	40.55	ng		97
27) 2,4-Dimethylphenol	7.663	122	224342	38.72	ng		95
28) bis(2-Chloroethoxy)met...	7.751	93	322758	39.51	ng		100
29) 2,4-Dichlorophenol	7.875	162	218777	40.33	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	224162	38.86	ng		99
31) Naphthalene	8.016	128	745191	39.28	ng		100
32) Benzoic acid	7.839	122	103969	34.06	ng		97
33) 4-Chloroaniline	8.081	127	322258	39.88	ng		99
34) Hexachlorobutadiene	8.128	225	137971	40.33	ng		100
35) Caprolactam	8.463	113	69782m	40.50	ng		
36) 4-Chloro-3-methylphenol	8.581	107	241491	41.44	ng		98
37) 2-Methylnaphthalene	8.704	142	487086	39.65	ng		98
38) 1-Methylnaphthalene	8.804	142	451777	39.71	ng		98
40) 1,2,4,5-Tetrachloroben...	8.875	216	235515	39.04	ng		99
41) Hexachlorocyclopentadiene	8.851	237	46370	38.68	ng		100
43) 2,4,6-Trichlorophenol	8.998	196	144003	38.69	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	141585	35.23	ng		99
46) 1,1'-Biphenyl	9.169	154	596784	39.27	ng		100
47) 2-Chloronaphthalene	9.198	162	462656	39.15	ng		100
48) 2-Nitroaniline	9.310	65	162534	41.70	ng		97
49) Acenaphthylene	9.610	152	700998	38.62	ng		100
50) Dimethylphthalate	9.475	163	527907	38.63	ng		100
51) 2,6-Dinitrotoluene	9.551	165	119323	39.81	ng		98
52) Acenaphthene	9.781	154	425627	39.42	ng		99
53) 3-Nitroaniline	9.728	138	134783	39.53	ng		100
54) 2,4-Dinitrophenol	9.857	184	64161	46.07	ng		89
55) Dibenzofuran	9.957	168	619510	39.24	ng		96
56) 4-Nitrophenol	9.922	139	79259m	42.74	ng		
57) 2,4-Dinitrotoluene	9.963	165	158697	43.00	ng		94
58) Fluorene	10.298	166	510906	40.16	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	125618	40.40	ng		98
60) Diethylphthalate	10.175	149	545995	41.43	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	246556	40.42	ng		94
62) 4-Nitroaniline	10.345	138	123754	36.33	ng		90
63) Azobenzene	10.451	77	565927	40.61	ng		98
65) 4,6-Dinitro-2-methylph...	10.381	198	80589	35.87	ng		95
66) n-Nitrosodiphenylamine	10.410	169	468870	39.20	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	159770	39.83	ng		95
68) Hexachlorobenzene	10.851	284	179977	39.64	ng	#	92
69) Atrazine	10.939	200	115610	39.53	ng		99
70) Pentachlorophenol	11.063	266	57494	36.95	ng		97
71) Phenanthrene	11.263	178	747023	39.24	ng		99
72) Anthracene	11.316	178	774962	39.24	ng		98
73) Carbazole	11.475	167	693923	39.52	ng		98
74) Di-n-butylphthalate	11.792	149	835087	41.34	ng		99
75) Fluoranthene	12.451	202	793523	38.87	ng		99
77) Benzidine	12.580	184	322600	41.00	ng		99
78) Pyrene	12.680	202	809750	41.64	ng		99
80) Butylbenzylphthalate	13.292	149	341092	44.23	ng		96
81) Benzo(a)anthracene	13.874	228	671037	40.13	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	238751	38.49	ng		100
83) Chrysene	13.910	228	643300	39.18	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	452099	43.18	ng		99
85) Di-n-octyl phthalate	14.457	149	712140	42.05	ng		98
87) Indeno(1,2,3-cd)pyrene	16.745	276	521349	41.01	ng		97
88) Benzo(b)fluoranthene	14.910	252	545903	41.25	ng		100
89) Benzo(k)fluoranthene	14.939	252	566854	45.09	ng		100
90) Benzo(a)pyrene	15.263	252	480844	42.07	ng		99
91) Dibenzo(a,h)anthracene	16.739	278	427482	40.84	ng		99
92) Benzo(g,h,i)perylene	17.162	276	436674	41.69	ng		97

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

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