Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131259.D
Acq On : 16 Nov 2022 11:52
Operator : CG\JU
Sample : PB148810BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 16 22:12:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 06:35:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148810BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.974	152	98097	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	354941	20.000	ng		0.00
39) Acenaphthene-d10	10.033	164	204741	20.000	ng		0.00
64) Phenanthrene-d10	11.533	188	374165	20.000	ng	#	0.00
76) Chrysene-d12	14.186	240	249394	20.000	ng		0.00
86) Perylene-d12	15.727	264	186618	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	736041	132.863	ng		0.02
7) Phenol-d6	6.592	99	930996	132.685	ng		0.00
23) Nitrobenzene-d5	7.545	82	605033	95.679	ng		0.00
42) 2,4,6-Tribromophenol	10.833	330	267473	136.766	ng		0.00
45) 2-Fluorobiphenyl	9.351	172	1138370	81.366	ng		0.00
79) Terphenyl-d14	13.127	244	1382292	95.181	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.892	88	91187	35.928	ng		98
3) Pyridine	3.634	79	242727	33.835	ng		99
4) n-Nitrosodimethylamine	3.610	42	179952	43.036	ng	#	98
6) Aniline	6.633	93	248295m	28.212	ng		
8) 2-Chlorophenol	6.757	128	274275	44.043	ng		97
9) Benzaldehyde	6.522	77	49974	9.819	ng		98
10) Phenol	6.604	94	331472	42.229	ng		93
11) bis(2-Chloroethyl)ether	6.710	93	258389	42.042	ng		99
12) 1,3-Dichlorobenzene	6.916	146	290652	41.255	ng		99
13) 1,4-Dichlorobenzene	6.992	146	293931	41.253	ng		98
14) 1,2-Dichlorobenzene	7.145	146	284919	43.265	ng		100
15) Benzyl Alcohol	7.116	79	217562m	35.696	ng		
16) 2,2'-oxybis(1-Chloropr...	7.245	45	495133	42.772	ng		100
17) 2-Methylphenol	7.222	107	229137	43.100	ng		98
18) Hexachloroethane	7.492	117	112784	43.542	ng		96
19) n-Nitroso-di-n-propyla...	7.392	70	204923	41.913	ng		99
20) 3+4-Methylphenols	7.374	107	288940	42.017	ng		91
22) Acetophenone	7.386	105	395478	42.744	ng		99
24) Nitrobenzene	7.563	77	309384	45.321	ng		99
25) Isophorone	7.804	82	560530	44.370	ng		98
26) 2-Nitrophenol	7.880	139	124576	45.763	ng		99
27) 2,4-Dimethylphenol	7.910	122	273713	52.933	ng		96
28) bis(2-Chloroethoxy)met...	8.010	93	320326	44.974	ng		98
29) 2,4-Dichlorophenol	8.116	162	234609	41.955	ng		99
30) 1,2,4-Trichlorobenzene	8.204	180	266795	40.693	ng		99
31) Naphthalene	8.292	128	762959	39.675	ng		100
32) Benzoic acid	8.027	122	153652m	42.017	ng		
33) 4-Chloroaniline	8.333	127	95589	12.627	ng		97
34) Hexachlorobutadiene	8.404	225	169131	40.759	ng		99
35) Caprolactam	8.704	113	74418m	45.032	ng		
36) 4-Chloro-3-methylphenol	8.816	107	256490	43.575	ng		94
37) 2-Methylnaphthalene	8.986	142	520838	40.667	ng		99
38) 1-Methylnaphthalene	9.086	142	493856	39.766	ng		99
40) 1,2,4,5-Tetrachloroben...	9.151	216	270796	41.078	ng		98
41) Hexachlorocyclopentadiene	9.133	237	342801	101.458	ng		95
43) 2,4,6-Trichlorophenol	9.257	196	153766	35.678	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	204999	44.325	ng	99
46) 1,1'-Biphenyl	9.451	154	643102	40.860	ng	99
47) 2-Chloronaphthalene	9.474	162	511411	40.110	ng	100
48) 2-Nitroaniline	9.568	65	182798	44.959	ng	97
49) Acenaphthylene	9.898	152	785560	40.347	ng	99
50) Dimethylphthalate	9.757	163	600569	40.964	ng	100
51) 2,6-Dinitrotoluene	9.816	165	126611	44.272	ng	93
52) Acenaphthene	10.068	154	539514	44.393	ng	97
53) 3-Nitroaniline	9.980	138	69663	24.124	ng	94
54) 2,4-Dinitrophenol	10.092	184	109016	82.631	ng	95
55) Dibenzofuran	10.245	168	694880	39.907	ng	99
56) 4-Nitrophenol	10.139	139	184472	79.970	ng	92
57) 2,4-Dinitrotoluene	10.221	165	163699	46.040	ng	93
58) Fluorene	10.586	166	548783	40.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	163450	41.717	ng	99
60) Diethylphthalate	10.457	149	579526	41.817	ng	98
61) 4-Chlorophenyl-phenyle...	10.580	204	284429	41.982	ng	94
62) 4-Nitroaniline	10.610	138	121320	40.445	ng	95
63) Azobenzene	10.739	77	586512	40.422	ng	98
65) 4,6-Dinitro-2-methylph...	10.627	198	66683	41.017	ng	82
66) n-Nitrosodiphenylamine	10.698	169	487191	40.983	ng	99
67) 4-Bromophenyl-phenylether	11.068	248	183887	41.857	ng	97
68) Hexachlorobenzene	11.133	284	195925	41.151	ng	98
69) Atrazine	11.227	200	168198	43.166	ng	97
70) Pentachlorophenol	11.327	266	222534	80.079	ng	97
71) Phenanthrene	11.557	178	826334	40.017	ng	100
72) Anthracene	11.610	178	837518	41.519	ng	99
73) Carbazole	11.762	167	740975	41.037	ng	99
74) Di-n-butylphthalate	12.092	149	873029	41.545	ng	99
75) Fluoranthene	12.751	202	919937	40.395	ng	100
77) Benzidine	12.874	184	180817	33.833	ng	99
78) Pyrene	12.986	202	936078	43.542	ng	98
80) Butylbenzylphthalate	13.603	149	341526	46.876	ng	97
81) Benzo(a)anthracene	14.174	228	709008	40.907	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	158082	31.170	ng	97
83) Chrysene	14.215	228	670970	39.738	ng	100
84) Bis(2-ethylhexyl)phtha...	14.162	149	418691	45.693	ng	98
85) Di-n-octyl phthalate	14.792	149	569455	43.978	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	551042	44.696	ng	99
88) Benzo(b)fluoranthene	15.274	252	563454	43.245	ng	98
89) Benzo(k)fluoranthene	15.303	252	544765	42.176	ng	99
90) Benzo(a)pyrene	15.662	252	476321	45.732	ng	98
91) Dibenzo(a,h)anthracene	17.344	278	464172	45.890	ng	99
92) Benzo(g,h,i)perylene	17.803	276	455698	40.839	ng	98

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

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