Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
Data File : BP012678.D
Acq On : 18 Nov 2022 19:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Quant Time: Nov 21 03:12:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 00:16:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	309072	20.000	ng		0.00
21) Naphthalene-d8	10.857	136	1352450	20.000	ng		0.00
39) Acenaphthene-d10	14.675	164	913962	20.000	ng		0.00
64) Phenanthrene-d10	17.428	188	2059498	20.000	ng		0.00
76) Chrysene-d12	21.516	240	2239801	20.000	ng		0.00
86) Perylene-d12	24.033	264	2322325	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1215194	71.056	ng		0.00
7) Phenol-d6	7.187	99	1768127	74.236	ng		0.00
23) Nitrobenzene-d5	9.210	82	1857813	86.369	ng		0.00
42) 2,4,6-Tribromophenol	16.163	330	767857	73.414	ng		0.00
45) 2-Fluorobiphenyl	13.304	172	4902778	80.715	ng		0.00
79) Terphenyl-d14	19.974	244	8183812	78.945	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	220946	32.169	ng		100
3) Pyridine	3.852	79	731338m	33.732	ng		
4) n-Nitrosodimethylamine	3.764	42	326245	35.236	ng	#	97
6) Aniline	7.357	93	1065276	35.504	ng		100
8) 2-Chlorophenol	7.599	128	789051	37.365	ng		98
9) Benzaldehyde	7.169	77	503947	36.280	ng		99
10) Phenol	7.210	94	997237	37.165	ng		99
11) bis(2-Chloroethyl)ether	7.457	93	798001	37.334	ng		98
12) 1,3-Dichlorobenzene	7.928	146	899512	38.382	ng		100
13) 1,4-Dichlorobenzene	8.075	146	921843	38.576	ng		98
14) 1,2-Dichlorobenzene	8.399	146	896889	39.109	ng		99
15) Benzyl Alcohol	8.275	79	631050	35.561	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.569	45	1137383	37.713	ng		99
17) 2-Methylphenol	8.475	107	697970	37.511	ng		100
18) Hexachloroethane	9.134	117	324513	40.637	ng		94
19) n-Nitroso-di-n-propyla...	8.851	70	605024	37.373	ng		99
20) 3+4-Methylphenols	8.804	107	967893	37.131	ng		99
22) Acetophenone	8.869	105	1278484	37.870	ng	#	99
24) Nitrobenzene	9.251	77	953487	41.050	ng		99
25) Isophorone	9.775	82	1783441	36.859	ng		100
26) 2-Nitrophenol	9.963	139	368181	33.101	ng		97
27) 2,4-Dimethylphenol	10.016	122	667255	35.104	ng		99
28) bis(2-Chloroethoxy)met...	10.263	93	1038453	37.735	ng		99
29) 2,4-Dichlorophenol	10.498	162	856091	38.750	ng		98
30) 1,2,4-Trichlorobenzene	10.722	180	949201	40.026	ng		98
31) Naphthalene	10.910	128	2873543	38.648	ng		100
32) Benzoic acid	10.140	122	386696	26.264	ng		99
33) 4-Chloroaniline	11.010	127	1138539	36.755	ng		98
34) Hexachlorobutadiene	11.198	225	578943	41.322	ng		98
35) Caprolactam	11.787	113	258553	35.941	ng		96
36) 4-Chloro-3-methylphenol	12.122	107	878429	37.041	ng		99
37) 2-Methylnaphthalene	12.510	142	2082234	39.161	ng		99
38) 1-Methylnaphthalene	12.728	142	2035695	38.962	ng		99
40) 1,2,4,5-Tetrachloroben...	12.875	216	1101667	41.328	ng		99
41) Hexachlorocyclopentadiene	12.857	237	467333	42.266	ng		99
43) 2,4,6-Trichlorophenol	13.104	196	739631	38.973	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	831636	39.606	ng	97
46) 1,1'-Biphenyl	13.510	154	2668488	39.045	ng	99
47) 2-Chloronaphthalene	13.551	162	2137051	39.378	ng	100
48) 2-Nitroaniline	13.751	65	475494	37.013	ng	99
49) Acenaphthylene	14.398	152	3430232	38.729	ng	100
50) Dimethylphthalate	14.134	163	2746092	38.145	ng	100
51) 2,6-Dinitrotoluene	14.245	165	557540	38.911	ng	100
52) Acenaphthene	14.739	154	2194898	38.830	ng	99
53) 3-Nitroaniline	14.575	138	609483	37.605	ng	98
54) 2,4-Dinitrophenol	14.775	184	229820	31.746	ng	98
55) Dibenzofuran	15.075	168	3354686	39.314	ng	98
56) 4-Nitrophenol	14.863	139	522117	38.582	ng	96
57) 2,4-Dinitrotoluene	15.028	165	751014	38.595	ng	95
58) Fluorene	15.722	166	2742774	40.837	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.292	232	763611	40.396	ng	97
60) Diethylphthalate	15.498	149	2704570	38.192	ng	100
61) 4-Chlorophenyl-phenyle...	15.716	204	1345773	41.686	ng	97
62) 4-Nitroaniline	15.739	138	613928	38.641	ng	97
63) Azobenzene	16.010	77	2637766	40.770	ng	99
65) 4,6-Dinitro-2-methylph...	15.792	198	345819	32.773	ng	96
66) n-Nitrosodiphenylamine	15.928	169	2313223	37.689	ng	98
67) 4-Bromophenyl-phenylether	16.616	248	775194	35.997	ng	95
68) Hexachlorobenzene	16.728	284	1007594	40.344	ng	99
69) Atrazine	16.880	200	592672	36.648	ng	99
70) Pentachlorophenol	17.069	266	633357	39.073	ng	99
71) Phenanthrene	17.469	178	4584044	39.241	ng	99
72) Anthracene	17.563	178	4434156	39.342	ng	99
73) Carbazole	17.827	167	4149097	38.762	ng	99
74) Di-n-butylphthalate	18.380	149	4336407	38.857	ng	100
75) Fluoranthene	19.427	202	5635218	40.717	ng	100
77) Benzidine	19.604	184	640324	22.202	ng	99
78) Pyrene	19.780	202	5856202	36.998	ng	100
80) Butylbenzylphthalate	20.651	149	794619	28.362	ng	99
81) Benzo(a)anthracene	21.492	228	6074718	38.687	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	1317232	30.411	ng	100
83) Chrysene	21.551	228	5802049	38.967	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	1604800	27.758	ng	99
85) Di-n-octyl phthalate	22.398	149	3164706	28.910	ng	96
87) Indeno(1,2,3-cd)pyrene	26.698	276	7016125	41.498	ng	99
88) Benzo(b)fluoranthene	23.262	252	6140157	39.937	ng	100
89) Benzo(k)fluoranthene	23.315	252	5959629	39.011	ng	99
90) Benzo(a)pyrene	23.927	252	4980710	39.037	ng	100
91) Dibenzo(a,h)anthracene	26.721	278	5925464	42.383	ng	99
92) Benzo(g,h,i)perylene	27.509	276	5532114	40.740	ng	99

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

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