Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007974.D
Acq On : 13 Nov 2021 19:03
Operator : CG/JU
Sample : PB140662BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 15 05:45:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 05:36:49 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB140662BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	172463	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	735258	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	452431	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	973867	20.000	ng	#	0.00
76) Chrysene-d12	21.333	240	1144320	20.000	ng	#	0.00
86) Perylene-d12	23.745	264	1352584	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1319205	124.087	ng		0.00
7) Phenol-d6	7.022	99	1639097	115.892	ng		0.00
23) Nitrobenzene-d5	9.004	82	1000787	72.839	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	865462	121.580	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2525915	78.314	ng		0.00
79) Terphenyl-d14	19.804	244	4124083	73.078	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	114187	25.521	ng		98
3) Pyridine	3.728	79	285514	22.246	ng		98
4) n-Nitrosodimethylamine	3.640	42	184316	38.881	ng	#	95
6) Aniline	7.169	93	642617	40.237	ng		97
8) 2-Chlorophenol	7.410	128	511216	45.483	ng		95
9) Benzaldehyde	6.981	77	264425	33.130	ng		97
10) Phenol	7.052	94	616101	44.900	ng		95
11) bis(2-Chloroethyl)ether	7.269	93	428881	38.033	ng		97
12) 1,3-Dichlorobenzene	7.728	146	498979	39.478	ng		99
13) 1,4-Dichlorobenzene	7.875	146	515408	40.110	ng		99
14) 1,2-Dichlorobenzene	8.193	146	501832	38.675	ng		99
15) Benzyl Alcohol	8.087	79	469978	43.932	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	486427	40.847	ng		94
17) 2-Methylphenol	8.293	107	425461	45.023	ng		98
18) Hexachloroethane	8.922	117	182455	41.872	ng	#	88
19) n-Nitroso-di-n-propyla...	8.657	70	335671	38.125	ng		93
20) 3+4-Methylphenols	8.622	107	581126	44.376	ng		97
22) Acetophenone	8.669	105	714239	38.190	ng	#	96
24) Nitrobenzene	9.046	77	525688	40.034	ng		97
25) Isophorone	9.581	82	936892	39.203	ng		96
26) 2-Nitrophenol	9.751	139	279304	41.664	ng		96
27) 2,4-Dimethylphenol	9.822	122	469692	47.433	ng		94
28) bis(2-Chloroethoxy)met...	10.057	93	585592	36.928	ng		98
29) 2,4-Dichlorophenol	10.293	162	536029	43.973	ng		99
30) 1,2,4-Trichlorobenzene	10.504	180	544929	39.069	ng		99
31) Naphthalene	10.693	128	1460431	38.897	ng		99
32) Benzoic acid	10.004	122	362955	42.415	ng		99
33) 4-Chloroaniline	10.799	127	469715	29.127	ng		99
34) Hexachlorobutadiene	10.981	225	372430	39.078	ng		98
35) Caprolactam	11.610	113	162939m	60.865	ng		
36) 4-Chloro-3-methylphenol	11.940	107	565908	41.085	ng		98
37) 2-Methylnaphthalene	12.304	142	1111876	40.524	ng		98
38) 1-Methylnaphthalene	12.522	142	1023669	38.251	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	660839	43.838	ng		99
41) Hexachlorocyclopentadiene	12.657	237	770193	100.445	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	455175	44.187	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	497645	44.463	ng		97
46) 1,1'-Biphenyl	13.316	154	1346642	39.851	ng		98
47) 2-Chloronaphthalene	13.357	162	1102855	41.720	ng		98
48) 2-Nitroaniline	13.563	65	309568	41.261	ng		97
49) Acenaphthylene	14.204	152	1614426	40.148	ng		98
50) Dimethylphthalate	13.945	163	1363492	38.092	ng		100
51) 2,6-Dinitrotoluene	14.063	165	304178	40.905	ng		95
52) Acenaphthene	14.545	154	945205	39.269	ng		97
53) 3-Nitroaniline	14.392	138	244801	32.287	ng	#	94
54) 2,4-Dinitrophenol	14.604	184	376535	83.904	ng	#	88
55) Dibenzofuran	14.881	168	1572304	38.412	ng		97
56) 4-Nitrophenol	14.716	139	496475	80.348	ng		90
57) 2,4-Dinitrotoluene	14.851	165	425623	42.999	ng		90
58) Fluorene	15.534	166	1246108	38.263	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	416041m	40.812	ng		
60) Diethylphthalate	15.316	149	1349885	39.125	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	686499	38.976	ng		99
62) 4-Nitroaniline	15.557	138	297119	38.131	ng		86
63) Azobenzene	15.822	77	1115049	38.388	ng		96
65) 4,6-Dinitro-2-methylph...	15.622	198	242983	38.070	ng		89
66) n-Nitrosodiphenylamine	15.745	169	1132527	40.627	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	466853	40.988	ng		97
68) Hexachlorobenzene	16.545	284	550210	42.891	ng	#	91
69) Atrazine	16.710	200	469750	64.637	ng		98
70) Pentachlorophenol	16.892	266	695119	88.862	ng		97
71) Phenanthrene	17.281	178	2059516	39.695	ng		99
72) Anthracene	17.375	178	2097655	41.242	ng		99
73) Carbazole	17.645	167	1877466	37.484	ng		99
74) Di-n-butylphthalate	18.204	149	2289386	40.388	ng		99
75) Fluoranthene	19.251	202	2615459	39.814	ng		96
77) Benzidine	19.433	184	1329767	75.737	ng		99
78) Pyrene	19.604	202	2705799	39.540	ng		99
80) Butylbenzylphthalate	20.480	149	1130903	40.025	ng		97
81) Benzo(a)anthracene	21.321	228	2958360	39.270	ng		100
82) 3,3'-Dichlorobenzidine	21.251	252	1072242	30.836	ng	#	98
83) Chrysene	21.374	228	2897769	40.131	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	1654649	41.015	ng	#	96
85) Di-n-octyl phthalate	22.174	149	3165266	42.574	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.268	276	4188944	42.895	ng	#	92
88) Benzo(b)fluoranthene	23.010	252	3483784	43.270	ng	#	98
89) Benzo(k)fluoranthene	23.063	252	3392881	42.184	ng	#	97
90) Benzo(a)pyrene	23.639	252	3453836	50.155	ng	#	97
91) Dibenzo(a,h)anthracene	26.280	278	3589438	44.309	ng	#	96
92) Benzo(g,h,i)perylene	27.033	276	3534699	44.264	ng	#	94

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

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