Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021984.D
Acq On : 23 Sep 2024 16:09
Operator : RC/JU
Sample : PB163571BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 16:34:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.711	152	75085	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	307864	20.000	ng		0.00
39) Acenaphthene-d10	14.322	164	250312	20.000	ng		0.00
64) Phenanthrene-d10	17.122	188	664200	20.000	ng		-0.02
76) Chrysene-d12	21.551	240	916192	20.000	ng		-0.01
86) Perylene-d12	24.851	264	1182765	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	511510	128.024	ng		0.00
7) Phenol-d6	6.899	99	627682	121.016	ng		0.00
23) Nitrobenzene-d5	8.852	82	459911	79.046	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	649253	139.910	ng		-0.02
45) 2-Fluorobiphenyl	12.934	172	1354501	78.992	ng		0.00
79) Terphenyl-d14	19.845	244	3755065	76.991	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	52464	31.623	ng		97
3) Pyridine	3.658	79	138110	31.213	ng		98
4) n-Nitrosodimethylamine	3.564	42	99856	42.781	ng		92
6) Aniline	7.046	93	188750	41.412	ng		99
8) 2-Chlorophenol	7.287	128	185549	43.431	ng		99
9) Benzaldehyde	6.864	77	29448	10.858	ng		98
10) Phenol	6.922	94	215011	41.737	ng		93
11) bis(2-Chloroethyl)ether	7.140	93	153107	39.455	ng		99
12) 1,3-Dichlorobenzene	7.605	146	209644	38.867	ng		99
13) 1,4-Dichlorobenzene	7.746	146	212730	38.890	ng		97
14) 1,2-Dichlorobenzene	8.058	146	202727	38.613	ng		98
15) Benzyl Alcohol	7.952	79	182471	45.872	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	174424	42.142	ng		98
17) 2-Methylphenol	8.152	107	153774	44.186	ng		98
18) Hexachloroethane	8.781	117	84001	41.763	ng		99
19) n-Nitroso-di-n-propyla...	8.505	70	137239	42.570	ng		93
20) 3+4-Methylphenols	8.475	107	213002	43.356	ng		98
22) Acetophenone	8.522	105	284419	37.872	ng	#	95
24) Nitrobenzene	8.893	77	225798	38.216	ng		99
25) Isophorone	9.416	82	367503	38.312	ng		99
26) 2-Nitrophenol	9.593	139	103489	40.058	ng		97
27) 2,4-Dimethylphenol	9.658	122	156461	52.303	ng		98
28) bis(2-Chloroethoxy)met...	9.887	93	226757	39.426	ng		98
29) 2,4-Dichlorophenol	10.122	162	221709	43.665	ng		99
30) 1,2,4-Trichlorobenzene	10.340	180	236859	37.450	ng		98
31) Naphthalene	10.522	128	601628	39.164	ng		99
32) Benzoic acid	9.799	122	126615	36.204	ng		96
33) 4-Chloroaniline	10.628	127	144627	26.101	ng		96
34) Hexachlorobutadiene	10.810	225	195724	39.558	ng		97
35) Caprolactam	11.410	113	59404m	39.312	ng		
36) 4-Chloro-3-methylphenol	11.752	107	233544	42.872	ng		100
37) 2-Methylnaphthalene	12.134	142	470832	41.892	ng		97
38) 1-Methylnaphthalene	12.352	142	437124	39.392	ng		99
40) 1,2,4,5-Tetrachloroben...	12.504	216	333999	38.139	ng	#	98
41) Hexachlorocyclopentadiene	12.487	237	484297	148.836	ng		98
43) 2,4,6-Trichlorophenol	12.746	196	218676	40.682	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	236760	39.265	ng	98
46) 1,1'-Biphenyl	13.151	154	654616	38.355	ng	100
47) 2-Chloronaphthalene	13.187	162	520071	37.686	ng	99
48) 2-Nitroaniline	13.393	65	161863	42.954	ng	97
49) Acenaphthylene	14.040	152	846755	43.483	ng	99
50) Dimethylphthalate	13.781	163	719163	39.613	ng	99
51) 2,6-Dinitrotoluene	13.893	165	153535	37.953	ng	95
52) Acenaphthene	14.387	154	523950	41.342	ng	99
53) 3-Nitroaniline	14.228	138	109748	30.440	ng	100
54) 2,4-Dinitrophenol	14.440	184	216085	91.166	ng	97
55) Dibenzofuran	14.728	168	902235	42.354	ng	100
56) 4-Nitrophenol	14.551	139	277437	88.408	ng	95
57) 2,4-Dinitrotoluene	14.687	165	236733	41.395	ng	100
58) Fluorene	15.387	166	756118	42.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	263919	45.351	ng	99
60) Diethylphthalate	15.163	149	787120	42.667	ng	99
61) 4-Chlorophenyl-phenyle...	15.387	204	432219	41.732	ng	99
62) 4-Nitroaniline	15.404	138	168902	42.604	ng	93
63) Azobenzene	15.681	77	698551	45.757	ng	98
65) 4,6-Dinitro-2-methylph...	15.469	198	156452	40.638	ng	98
66) n-Nitrosodiphenylamine	15.598	169	680611	41.153	ng	97
67) 4-Bromophenyl-phenylether	16.292	248	313005	40.426	ng	97
68) Hexachlorobenzene	16.410	284	381733	39.544	ng	98
69) Atrazine	16.581	200	308388	52.044	ng	99
70) Pentachlorophenol	16.769	266	537243	82.722	ng	98
71) Phenanthrene	17.169	178	1339446	42.010	ng	99
72) Anthracene	17.263	178	1383960	44.840	ng	99
73) Carbazole	17.539	167	1258296	42.210	ng	100
74) Di-n-butylphthalate	18.134	149	1471923	42.041	ng	100
75) Fluoranthene	19.245	202	1873994	42.109	ng	99
77) Benzidine	19.445	184	892938	79.753	ng	98
78) Pyrene	19.622	202	2039206	36.793	ng	100
80) Butylbenzylphthalate	20.575	149	792577	40.094	ng	93
81) Benzo(a)anthracene	21.533	228	2434215	41.348	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	689701	32.289	ng	99
83) Chrysene	21.598	228	2309659	41.668	ng	100
84) Bis(2-ethylhexyl)phtha...	21.475	149	1225482	42.239	ng	100
85) Di-n-octyl phthalate	22.722	149	2238499	45.427	ng	100
87) Indeno(1,2,3-cd)pyrene	28.586	276	3296089	41.900	ng	93
88) Benzo(b)fluoranthene	23.804	252	2776804	39.697	ng	99
89) Benzo(k)fluoranthene	23.874	252	2704467	40.855	ng	99
90) Benzo(a)pyrene	24.692	252	2645249	43.898	ng	99
91) Dibenzo(a,h)anthracene	28.662	278	2653347	40.868	ng	99
92) Benzo(g,h,i)perylene	29.745	276	2522903	37.935	ng	99

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

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