Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
Data File : BP014305.D
Acq On : 25 Mar 2023 00:40
Operator : CG/JU
Sample : 02021-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JPP-6E-032023MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

Quant Time: Mar 25 03:24:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 03:19:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.028	152	161740	20.000	ng		0.00
21) Naphthalene-d8	10.852	136	596892	20.000	ng	#	0.00
39) Acenaphthene-d10	14.675	164	336718	20.000	ng		0.00
64) Phenanthrene-d10	17.434	188	621036	20.000	ng	#	0.00
76) Chrysene-d12	21.516	240	515990	20.000	ng		0.00
86) Perylene-d12	24.033	264	565029	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1376928	138.062	ng		0.00
7) Phenol-d6	7.193	99	1644940	125.625	ng		0.00
23) Nitrobenzene-d5	9.211	82	1295499	99.200	ng		0.00
42) 2,4,6-Tribromophenol	16.169	330	668357	122.423	ng		0.00
45) 2-Fluorobiphenyl	13.299	172	2424456	93.285	ng		0.00
79) Terphenyl-d14	19.975	244	3109432	99.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	171680	39.625	ng	#	29
3) Pyridine	3.870	79	354917	29.497	ng		96
4) n-Nitrosodimethylamine	3.770	42	238185	44.596	ng		96
6) Aniline	7.358	93	343150	19.950	ng		96
8) 2-Chlorophenol	7.593	128	485226	45.426	ng		93
9) Benzaldehyde	7.169	77	202748m	30.942	ng		
10) Phenol	7.222	94	576132	42.276	ng		99
11) bis(2-Chloroethyl)ether	7.452	93	519698	48.164	ng		98
12) 1,3-Dichlorobenzene	7.916	146	512718	43.680	ng		98
13) 1,4-Dichlorobenzene	8.064	146	525064	44.216	ng		99
14) 1,2-Dichlorobenzene	8.387	146	512357	45.047	ng		99
15) Benzyl Alcohol	8.281	79	496486m	46.506	ng		
16) 2,2'-oxybis(1-Chloropr...	8.558	45	672835m	57.275	ng		
17) 2-Methylphenol	8.481	107	416895	42.894	ng		98
18) Hexachloroethane	9.116	117	203671	45.656	ng		95
19) n-Nitroso-di-n-propyla...	8.846	70	416802	48.361	ng		98
20) 3+4-Methylphenols	8.811	107	549934	42.013	ng		100
22) Acetophenone	8.863	105	798946	47.719	ng	#	98
24) Nitrobenzene	9.252	77	647360	48.446	ng		96
25) Isophorone	9.775	82	1084329	45.062	ng		98
26) 2-Nitrophenol	9.963	139	260947	44.896	ng		97
27) 2,4-Dimethylphenol	10.016	122	433679	45.889	ng		99
28) bis(2-Chloroethoxy)met...	10.252	93	656240	47.118	ng		99
29) 2,4-Dichlorophenol	10.505	162	452762	43.766	ng		99
30) 1,2,4-Trichlorobenzene	10.710	180	510548	43.469	ng		100
31) Naphthalene	10.905	128	1478209	45.070	ng		99
32) Benzoic acid	10.181	122	207459	27.700	ng		95
33) 4-Chloroaniline	11.034	127	123046	8.752	ng		97
34) Hexachlorobutadiene	11.175	225	349143	40.888	ng		99
35) Caprolactam	11.822	113	97894	33.059	ng	#	83
36) 4-Chloro-3-methylphenol	12.140	107	489164	42.397	ng		97
37) 2-Methylnaphthalene	12.504	142	1003164	41.458	ng		99
38) 1-Methylnaphthalene	12.722	142	931350	41.292	ng		100
40) 1,2,4,5-Tetrachloroben...	12.869	216	600504	46.788	ng		97
41) Hexachlorocyclopentadiene	12.846	237	797340	98.990	ng		99
43) 2,4,6-Trichlorophenol	13.110	196	357007	44.005	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.187	196	382467	40.684	ng	98
46) 1,1'-Biphenyl	13.510	154	1325061	48.890	ng	97
47) 2-Chloronaphthalene	13.557	162	1008545	48.338	ng	99
48) 2-Nitroaniline	13.763	65	308498	48.720	ng	97
49) Acenaphthylene	14.398	152	1515074	45.662	ng	100
50) Dimethylphthalate	14.134	163	1192925	42.944	ng	100
51) 2,6-Dinitrotoluene	14.257	165	255522	43.680	ng	97
52) Acenaphthene	14.740	154	912572	45.689	ng	100
53) 3-Nitroaniline	14.593	138	170667	29.769	ng	94
54) 2,4-Dinitrophenol	14.798	184	320413	74.107	ng	94
55) Dibenzofuran	15.075	168	1466350	45.032	ng	99
56) 4-Nitrophenol	14.898	139	347189	74.369	ng	92
57) 2,4-Dinitrotoluene	15.046	165	337292	43.134	ng	99
58) Fluorene	15.722	166	1135611	43.921	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.304	232	331048	40.365	ng	96
60) Diethylphthalate	15.487	149	1144357	41.724	ng	99
61) 4-Chlorophenyl-phenyle...	15.716	204	612504	41.789	ng	98
62) 4-Nitroaniline	15.757	138	219048m	38.372	ng	
63) Azobenzene	16.010	77	1225770	48.298	ng	96
65) 4,6-Dinitro-2-methylph...	15.810	198	203384	44.214	ng	94
66) n-Nitrosodiphenylamine	15.934	169	949467	48.382	ng	99
67) 4-Bromophenyl-phenylether	16.610	248	372377	45.331	ng	94
68) Hexachlorobenzene	16.734	284	419405	47.632	ng	100
69) Atrazine	16.887	200	313590	45.515	ng	99
70) Pentachlorophenol	17.081	266	504517	79.447	ng	98
71) Phenanthrene	17.475	178	1642698	47.348	ng	99
72) Anthracene	17.569	178	1649939	46.543	ng	99
73) Carbazole	17.839	167	1435611	46.947	ng	99
74) Di-n-butylphthalate	18.369	149	1769788	46.290	ng	100
75) Fluoranthene	19.434	202	1778975	42.899	ng	98
77) Benzidine	19.616	184	422582	39.269	ng	99
78) Pyrene	19.786	202	1830514	46.220	ng	99
80) Butylbenzylphthalate	20.645	149	727205	48.433	ng	99
81) Benzo(a)anthracene	21.498	228	1757638	46.425	ng	99
82) 3,3'-Dichlorobenzidine	21.428	252	476938	39.370	ng	99
83) Chrysene	21.557	228	1644552	45.868	ng	99
84) Bis(2-ethylhexyl)phtha...	21.398	149	1061256	48.180	ng	99
85) Di-n-octyl phthalate	22.357	149	1769951	49.502	ng	97
87) Indeno(1,2,3-cd)pyrene	26.674	276	2355437	53.952	ng	97
88) Benzo(b)fluoranthene	23.257	252	1820645	49.209	ng	99
89) Benzo(k)fluoranthene	23.310	252	1748874	47.675	ng	99
90) Benzo(a)pyrene	23.922	252	1573922	44.600	ng	99
91) Dibenzo(a,h)anthracene	26.692	278	1964164	54.116	ng	97
92) Benzo(g,h,i)perylene	27.498	276	1957179	54.412	ng	98

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

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