Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
Data File : BP016488.D
Acq On : 03 Aug 2023 12:51
Operator : MA/JU
Sample : PB154404BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 03 18:21:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 18:07:40 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB154404BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	412667	20.000	ng		0.00
21) Naphthalene-d8	10.904	136	1532529	20.000	ng		0.00
39) Acenaphthene-d10	14.722	164	798989	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	1532365	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1259877	20.000	ng		0.00
86) Perylene-d12	24.180	264	1417706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	3500381	138.382	ng		0.00
7) Phenol-d6	7.216	99	4231826	122.056	ng		0.00
23) Nitrobenzene-d5	9.269	82	2573163	93.990	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	1266121	107.716	ng		0.00
45) 2-Fluorobiphenyl	13.345	172	5103784	91.580	ng		0.00
79) Terphenyl-d14	20.033	244	6240063	104.626	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	453199	45.938	ng		99
3) Pyridine	3.858	79	1196969	40.590	ng		100
4) n-Nitrosodimethylamine	3.781	42	525990	47.307	ng		97
6) Aniline	7.404	93	1349834	31.520	ng		99
8) 2-Chlorophenol	7.622	128	1303992	49.167	ng		96
9) Benzaldehyde	7.222	77	716225	46.360	ng		99
10) Phenol	7.240	94	1620460	48.128	ng		100
11) bis(2-Chloroethyl)ether	7.504	93	1286466	47.003	ng		100
12) 1,3-Dichlorobenzene	7.952	146	1440743	50.603	ng		97
13) 1,4-Dichlorobenzene	8.110	146	1466858	50.789	ng		100
14) 1,2-Dichlorobenzene	8.422	146	1393281	50.104	ng		98
15) Benzyl Alcohol	8.322	79	1079117	45.557	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.604	45	1462338	47.112	ng		100
17) 2-Methylphenol	8.510	107	1041100	42.904	ng		98
18) Hexachloroethane	9.151	117	544923	52.896	ng		96
19) n-Nitroso-di-n-propyla...	8.893	70	903565	41.599	ng		98
20) 3+4-Methylphenols	8.840	107	1406463	42.677	ng		100
22) Acetophenone	8.922	105	1901902	49.153	ng	#	99
24) Nitrobenzene	9.310	77	1397410	49.696	ng		96
25) Isophorone	9.828	82	2423637	43.849	ng		99
26) 2-Nitrophenol	10.016	139	615047	50.570	ng		95
27) 2,4-Dimethylphenol	10.051	122	1086744	43.949	ng		99
28) bis(2-Chloroethoxy)met...	10.316	93	1560375	46.088	ng		99
29) 2,4-Dichlorophenol	10.540	162	1088441	47.034	ng		97
30) 1,2,4-Trichlorobenzene	10.751	180	1211165	48.320	ng		99
31) Naphthalene	10.957	128	3716191	46.358	ng		99
32) Benzoic acid	10.181	122	699512	43.756	ng		98
33) 4-Chloroaniline	11.081	127	683296	18.897	ng		99
34) Hexachlorobutadiene	11.193	225	691217	46.578	ng		99
35) Caprolactam	11.898	113	328319	38.826	ng		97
36) 4-Chloro-3-methylphenol	12.175	107	1122640	43.642	ng		98
37) 2-Methylnaphthalene	12.557	142	2434117	41.798	ng		99
38) 1-Methylnaphthalene	12.775	142	2305909	42.235	ng		99
40) 1,2,4,5-Tetrachloroben...	12.904	216	1221949	50.326	ng		99
41) Hexachlorocyclopentadiene	12.857	237	1521877	124.799	ng		99
43) 2,4,6-Trichlorophenol	13.151	196	791394	50.798	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	855392	45.256	ng		96
46) 1,1'-Biphenyl	13.557	154	3020897	49.600	ng		99
47) 2-Chloronaphthalene	13.604	162	2358557	51.330	ng		98
48) 2-Nitroaniline	13.828	65	653015	50.417	ng		98
49) Acenaphthylene	14.451	152	3742139	49.084	ng		100
50) Dimethylphthalate	14.181	163	2724453	43.758	ng		99
51) 2,6-Dinitrotoluene	14.316	165	596232	46.744	ng		89
52) Acenaphthene	14.786	154	2136261	47.121	ng		100
53) 3-Nitroaniline	14.651	138	439463	30.475	ng		92
54) 2,4-Dinitrophenol	14.851	184	573316	94.471	ng		96
55) Dibenzofuran	15.122	168	3376864	45.416	ng		98
56) 4-Nitrophenol	14.939	139	1102687	97.684	ng		98
57) 2,4-Dinitrotoluene	15.098	165	782068	47.046	ng		93
58) Fluorene	15.775	166	2625217	44.941	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.333	232	700466	45.051	ng		93
60) Diethylphthalate	15.533	149	2648687	42.807	ng		98
61) 4-Chlorophenyl-phenyle...	15.763	204	1280442	43.438	ng		97
62) 4-Nitroaniline	15.822	138	603625	42.179	ng		98
63) Azobenzene	16.057	77	2692274	46.081	ng		95
65) 4,6-Dinitro-2-methylph...	15.851	198	372400	51.389	ng		96
66) n-Nitrosodiphenylamine	15.986	169	2284099	50.578	ng		100
67) 4-Bromophenyl-phenylether	16.669	248	768804	47.382	ng		96
68) Hexachlorobenzene	16.751	284	876825	48.458	ng		96
69) Atrazine	16.939	200	749288	55.790	ng		99
70) Pentachlorophenol	17.110	266	994620	79.431	ng		94
71) Phenanthrene	17.533	178	3968794	48.776	ng		99
72) Anthracene	17.622	178	3992358	48.795	ng		99
73) Carbazole	17.904	167	3662260	47.742	ng		100
74) Di-n-butylphthalate	18.416	149	4268547	48.098	ng		99
75) Fluoranthene	19.492	202	4286426	44.945	ng		98
77) Benzidine	19.686	184	1746941	79.976	ng		99
78) Pyrene	19.845	202	4449998	52.690	ng		100
80) Butylbenzylphthalate	20.710	149	1815367	54.714	ng		98
81) Benzo(a)anthracene	21.568	228	4115985	48.691	ng		99
82) 3,3'-Dichlorobenzidine	21.504	252	1016158	36.620	ng	#	99
83) Chrysene	21.627	228	3822652	47.356	ng		100
84) Bis(2-ethylhexyl)phtha...	21.451	149	2596342	52.121	ng		98
85) Di-n-octyl phthalate	22.445	149	4392475	52.429	ng		99
87) Indeno(1,2,3-cd)pyrene	26.951	276	5107942	53.442	ng		96
88) Benzo(b)fluoranthene	23.368	252	4182015	50.889	ng		99
89) Benzo(k)fluoranthene	23.427	252	4003741m	47.904	ng		
90) Benzo(a)pyrene	24.062	252	3700756	46.492	ng		98
91) Dibenzo(a,h)anthracene	26.980	278	4231642	53.089	ng		97
92) Benzo(g,h,i)perylene	27.815	276	4128342	53.746	ng		98

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

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