Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
Data File : BM036402.D
Acq On : 25 Aug 2022 12:29
Operator : CG/JU
Sample : PB147203BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 26 03:34:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 15:21:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB147203BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	261975	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	1130661	20.000	ng	#	0.00
39) Acenaphthene-d10	14.433	164	637867	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1121720	20.000	ng		0.00
76) Chrysene-d12	21.362	240	822382	20.000	ng		0.00
86) Perylene-d12	23.686	264	660671	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1733629	107.287	ng		0.00
7) Phenol-d6	6.975	99	2165669	105.330	ng		0.00
23) Nitrobenzene-d5	8.963	82	2070610	102.512	ng		0.00
42) 2,4,6-Tribromophenol	15.927	330	637700	85.220	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	4331814	100.269	ng		0.00
79) Terphenyl-d14	19.803	244	4884278	117.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	253954	39.002	ng		97
3) Pyridine	3.646	79	666524	38.174	ng		92
4) n-Nitrosodimethylamine	3.557	42	429767	59.898	ng	#	80
6) Aniline	7.122	93	1170547	51.410	ng		97
8) 2-Chlorophenol	7.351	128	933269	54.170	ng		97
9) Benzaldehyde	6.934	77	334050	30.689	ng		98
10) Phenol	6.998	94	1182322	57.110	ng		95
11) bis(2-Chloroethyl)ether	7.222	93	911352	53.439	ng		100
12) 1,3-Dichlorobenzene	7.675	146	937547	49.108	ng		99
13) 1,4-Dichlorobenzene	7.822	146	958553	49.233	ng		98
14) 1,2-Dichlorobenzene	8.140	146	934534	49.747	ng		99
15) Benzyl Alcohol	8.045	79	755851m	54.782	ng		
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1348344	59.458	ng		99
17) 2-Methylphenol	8.245	107	769542	56.153	ng		97
18) Hexachloroethane	8.857	117	372465	53.143	ng		90
19) n-Nitroso-di-n-propyla...	8.610	70	707937	56.685	ng		93
20) 3+4-Methylphenols	8.581	107	1031568	55.405	ng		97
22) Acetophenone	8.622	105	1372895	51.295	ng	#	97
24) Nitrobenzene	9.004	77	1057356	55.684	ng		99
25) Isophorone	9.534	82	1867831	56.844	ng		97
26) 2-Nitrophenol	9.710	139	462757	51.669	ng		98
27) 2,4-Dimethylphenol	9.775	122	857361	61.796	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	1201177	51.310	ng		100
29) 2,4-Dichlorophenol	10.245	162	808659	51.830	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	824192	46.614	ng		98
31) Naphthalene	10.639	128	2842200	50.561	ng		100
32) Benzoic acid	9.957	122	551917	50.184	ng		99
33) 4-Chloroaniline	10.763	127	714717	31.548	ng		98
34) Hexachlorobutadiene	10.916	225	468006	45.045	ng		98
35) Caprolactam	11.580	113	219846m	45.746	ng		
36) 4-Chloro-3-methylphenol	11.898	107	846378	51.610	ng		97
37) 2-Methylnaphthalene	12.251	142	1921135	51.357	ng		99
38) 1-Methylnaphthalene	12.475	142	1847110	50.422	ng		98
40) 1,2,4,5-Tetrachloroben...	12.622	216	854606	49.418	ng	#	97
41) Hexachlorocyclopentadiene	12.592	237	1049207	114.555	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	578755	49.183	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	615583	49.557	ng		97
46) 1,1'-Biphenyl	13.269	154	2432856	52.335	ng		98
47) 2-Chloronaphthalene	13.310	162	1810785	50.896	ng		97
48) 2-Nitroaniline	13.533	65	552379	56.970	ng		97
49) Acenaphthylene	14.157	152	3063179	55.697	ng		100
50) Dimethylphthalate	13.910	163	2073337	47.797	ng		99
51) 2,6-Dinitrotoluene	14.027	165	448784	51.565	ng		95
52) Acenaphthene	14.498	154	2052085m	57.040	ng		
53) 3-Nitroaniline	14.357	138	366348	36.078	ng		99
54) 2,4-Dinitrophenol	14.569	184	493827	107.224	ng		96
55) Dibenzofuran	14.833	168	2695528	50.034	ng		99
56) 4-Nitrophenol	14.680	139	792428	97.519	ng		94
57) 2,4-Dinitrotoluene	14.816	165	591523	51.854	ng	#	86
58) Fluorene	15.480	166	2170154	51.066	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	489350	46.505	ng		97
60) Diethylphthalate	15.263	149	2138621	47.976	ng		99
61) 4-Chlorophenyl-phenyle...	15.480	204	1030752	48.642	ng		98
62) 4-Nitroaniline	15.521	138	467051m	44.710	ng		
63) Azobenzene	15.768	77	2304569	54.382	ng		94
65) 4,6-Dinitro-2-methylph...	15.574	198	284330	49.574	ng		84
66) n-Nitrosodiphenylamine	15.698	169	1765707	55.761	ng		98
67) 4-Bromophenyl-phenylether	16.374	248	577130	51.437	ng		97
68) Hexachlorobenzene	16.480	284	646321	50.204	ng		97
69) Atrazine	16.657	200	529161	59.721	ng		98
70) Pentachlorophenol	16.833	266	772848	102.503	ng		99
71) Phenanthrene	17.221	178	3020521	52.855	ng		98
72) Anthracene	17.310	178	3052362	55.170	ng		99
73) Carbazole	17.592	167	2718777	48.499	ng		99
74) Di-n-butylphthalate	18.151	149	3335577	49.845	ng		100
75) Fluoranthene	19.239	202	3028928	47.349	ng		97
77) Benzidine	19.433	184	964283	78.185	ng		99
78) Pyrene	19.598	202	3104360	60.875	ng		98
80) Butylbenzylphthalate	20.503	149	1208898	54.925	ng		97
81) Benzo(a)anthracene	21.345	228	2598579	51.301	ng		99
82) 3,3'-Dichlorobenzidine	21.286	252	744436	60.525	ng		99
83) Chrysene	21.397	228	2403004	49.906	ng		100
84) Bis(2-ethylhexyl)phtha...	21.274	149	1747207	52.618	ng		98
85) Di-n-octyl phthalate	22.180	149	2606695	48.101	ng		99
87) Indeno(1,2,3-cd)pyrene	26.103	276	2142990	46.157	ng	#	95
88) Benzo(b)fluoranthene	22.980	252	2288399	59.119	ng	#	98
89) Benzo(k)fluoranthene	23.027	252	2192965	56.092	ng	#	98
90) Benzo(a)pyrene	23.586	252	2078927	64.012	ng	#	98
91) Dibenzo(a,h)anthracene	26.115	278	1929272	49.643	ng		98
92) Benzo(g,h,i)perylene	26.838	276	1870915	49.728	ng		95

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

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