Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053122\
Data File : BP010640.D
Acq On : 31 May 2022 16:08
Operator : CG/JU
Sample : N3064-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 01 05:30:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

06/01/2022

Supervised By :Jagrut Upadhyay

06/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	141905	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	533503	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	316829	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	575160	20.000	ng		0.00
76) Chrysene-d12	21.339	240	356064	20.000	ng		0.00
86) Perylene-d12	23.751	264	392259	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	473779	60.908	ng		0.00
7) Phenol-d6	7.040	99	374042	33.872	ng		0.00
23) Nitrobenzene-d5	9.028	82	1019687	90.363	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	472548	131.762	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2025080	90.714	ng		0.00
79) Terphenyl-d14	19.810	244	1879470	99.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	58965	17.850	ng		96
3) Pyridine	3.758	79	131387	14.203	ng		94
4) n-Nitrosodimethylamine	3.664	42	102008	18.085	ng		92
6) Aniline	7.193	93	358002	27.555	ng		98
8) 2-Chlorophenol	7.434	128	350054	39.873	ng		99
9) Benzaldehyde	7.005	77	236706	32.573	ng		100
10) Phenol	7.069	94	146114	12.795	ng		97
11) bis(2-Chloroethyl)ether	7.287	93	436814	48.263	ng		100
12) 1,3-Dichlorobenzene	7.752	146	457582	44.973	ng		98
13) 1,4-Dichlorobenzene	7.899	146	468830	44.969	ng		100
14) 1,2-Dichlorobenzene	8.216	146	454755	45.565	ng		97
15) Benzyl Alcohol	8.111	79	266473m	30.102	ng		
16) 2,2'-oxybis(1-Chloropr...	8.399	45	700430	41.394	ng		97
17) 2-Methylphenol	8.316	107	237862	31.037	ng		98
18) Hexachloroethane	8.940	117	171415	42.506	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	358737	44.539	ng		95
20) 3+4-Methylphenols	8.646	107	277948	26.383	ng		97
22) Acetophenone	8.693	105	687136	49.387	ng	#	95
24) Nitrobenzene	9.069	77	538462	47.232	ng		95
25) Isophorone	9.599	82	938418	49.781	ng		98
26) 2-Nitrophenol	9.781	139	229585	51.673	ng		96
27) 2,4-Dimethylphenol	9.846	122	339029	51.339	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	556251	53.416	ng		99
29) 2,4-Dichlorophenol	10.322	162	366812	46.204	ng		97
30) 1,2,4-Trichlorobenzene	10.528	180	429827	46.026	ng		99
31) Naphthalene	10.716	128	1297736	46.174	ng		99
32) Benzoic acid	9.952	122	51308m	16.115	ng		
33) 4-Chloroaniline	10.828	127	292669	26.956	ng		100
34) Hexachlorobutadiene	11.005	225	271918	43.128	ng		98
35) Caprolactam	11.628	113	16393	7.154	ng		92
36) 4-Chloro-3-methylphenol	11.957	107	371390	41.059	ng		99
37) 2-Methylnaphthalene	12.328	142	896511	45.715	ng		99
38) 1-Methylnaphthalene	12.546	142	860705	44.941	ng		96
40) 1,2,4,5-Tetrachloroben...	12.699	216	487955	49.508	ng		99
41) Hexachlorocyclopentadiene	12.675	237	487305	92.879	ng		99
43) 2,4,6-Trichlorophenol	12.940	196	306843	49.869	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	320620	46.069	ng	98
46) 1,1'-Biphenyl	13.334	154	1162100	49.176	ng	100
47) 2-Chloronaphthalene	13.375	162	895994	48.237	ng	99
48) 2-Nitroaniline	13.581	65	315931	49.074	ng	99
49) Acenaphthylene	14.222	152	1432215	50.199	ng	99
50) Dimethylphthalate	13.963	163	1073608	47.076	ng	99
51) 2,6-Dinitrotoluene	14.081	165	241308	49.755	ng	95
52) Acenaphthene	14.563	154	818772	46.743	ng	99
53) 3-Nitroaniline	14.410	138	161604	34.022	ng	98
54) 2,4-Dinitrophenol	14.622	184	214852	72.469	ng	95
55) Dibenzofuran	14.898	168	1312587	47.386	ng	98
56) 4-Nitrophenol	14.734	139	110728	30.059	ng	97
57) 2,4-Dinitrotoluene	14.869	165	317644	50.316	ng	93
58) Fluorene	15.551	166	1045558	46.171	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.134	232	260327	43.636	ng	99
60) Diethylphthalate	15.322	149	1049352	46.222	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	546916	48.051	ng	94
62) 4-Nitroaniline	15.575	138	210556	41.931	ng	94
63) Azobenzene	15.840	77	1057111	44.088	ng	97
65) 4,6-Dinitro-2-methylph...	15.640	198	148431	41.344	ng	96
66) n-Nitrosodiphenylamine	15.763	169	866926	50.058	ng	98
67) 4-Bromophenyl-phenylether	16.440	248	317195	50.695	ng	100
68) Hexachlorobenzene	16.563	284	346104	50.078	ng	96
69) Atrazine	16.722	200	284404	50.631	ng	98
70) Pentachlorophenol	16.910	266	359754	90.679	ng	99
71) Phenanthrene	17.298	178	1485666	47.102	ng	99
72) Anthracene	17.387	178	1487097	49.237	ng	99
73) Carbazole	17.663	167	1289274	50.227	ng	99
74) Di-n-butylphthalate	18.210	149	1574428	48.246	ng	99
75) Fluoranthene	19.263	202	1476665	43.103	ng	99
77) Benzidine	19.445	184	148374	21.693	ng	99
78) Pyrene	19.616	202	1467976	59.159	ng	99
80) Butylbenzylphthalate	20.486	149	540343	55.290	ng	95
81) Benzo(a)anthracene	21.327	228	1130559	48.393	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	345595	53.940	ng	98
83) Chrysene	21.380	228	1052201	45.919	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	708193	51.408	ng	100
85) Di-n-octyl phthalate	22.174	149	1056302	46.012	ng	99
87) Indeno(1,2,3-cd)pyrene	26.268	276	1547982	54.134	ng	99
88) Benzo(b)fluoranthene	23.016	252	1109272	44.915	ng	98
89) Benzo(k)fluoranthene	23.069	252	1128636	45.081	ng	100
90) Benzo(a)pyrene	23.645	252	1135157	55.566	ng	99
91) Dibenzo(a,h)anthracene	26.286	278	1364693	57.059	ng	99
92) Benzo(g,h,i)perylene	27.045	276	1427869	60.051	ng	99

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

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