Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016451.D
Acq On : 01 Aug 2023 12:13
Operator : MA/JU
Sample : 03769-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 01 15:51:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	530378	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	2193797	20.000	ng	-0.01
39) Acenaphthene-d10	14.728	164	1253531	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2530611	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1910207	20.000	ng	# 0.00
86) Perylene-d12	24.192	264	1875046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3237382	99.580	ng	-0.01
7) Phenol-d6	7.222	99	4236551	95.073	ng	0.00
23) Nitrobenzene-d5	9.275	82	2377133	60.657	ng	-0.02
42) 2,4,6-Tribromophenol	16.228	330	1222215	66.276	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	5303279	60.654	ng	0.00
79) Terphenyl-d14	20.039	244	6907945	76.392	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	492467	38.840	ng	99
3) Pyridine	3.858	79	1351583	35.661	ng	99
4) n-Nitrosodimethylamine	3.787	42	609264	42.635	ng	98
6) Aniline	7.411	93	1366985	24.836	ng	99
8) 2-Chlorophenol	7.634	128	1645440	48.272	ng	98
9) Benzaldehyde	7.228	77	886830	43.809	ng	98
10) Phenol	7.246	94	2120207	48.995	ng	99
11) bis(2-Chloroethyl)ether	7.511	93	1551449	44.104	ng	100
12) 1,3-Dichlorobenzene	7.958	146	1666408	45.539	ng	97
13) 1,4-Dichlorobenzene	8.117	146	1694866	45.660	ng	99
14) 1,2-Dichlorobenzene	8.428	146	1636026	45.776	ng	98
15) Benzyl Alcohol	8.334	79	1408121	46.253	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.616	45	1798005	45.070	ng	99
17) 2-Methylphenol	8.516	107	1390304	44.579	ng	100
18) Hexachloroethane	9.158	117	608869	45.986	ng	94
19) n-Nitroso-di-n-propyla...	8.899	70	1174588	42.075	ng	98
20) 3+4-Methylphenols	8.852	107	1876129	44.294	ng	98
22) Acetophenone	8.928	105	2375042	42.879	ng	100
24) Nitrobenzene	9.322	77	1729424	42.965	ng	98
25) Isophorone	9.840	82	3252002	41.101	ng	99
26) 2-Nitrophenol	10.028	139	767154	44.466	ng	97
27) 2,4-Dimethylphenol	10.063	122	1504910	42.515	ng	100
28) bis(2-Chloroethoxy)met...	10.328	93	2069677	42.704	ng	99
29) 2,4-Dichlorophenol	10.546	162	1501809	45.335	ng	98
30) 1,2,4-Trichlorobenzene	10.763	180	1522689	42.438	ng	99
31) Naphthalene	10.969	128	4763537	41.512	ng	99
32) Benzoic acid	10.205	122	954273	41.995	ng	98
33) 4-Chloroaniline	11.093	127	334318	6.459	ng	98
34) Hexachlorobutadiene	11.205	225	853391	40.173	ng	100
35) Caprolactam	11.910	113	480797m	39.720	ng	
36) 4-Chloro-3-methylphenol	12.181	107	1588189	43.130	ng	98
37) 2-Methylnaphthalene	12.563	142	3243109	38.903	ng	99
38) 1-Methylnaphthalene	12.781	142	3119168	39.910	ng	100
40) 1,2,4,5-Tetrachloroben...	12.910	216	1635566	42.935	ng	99
41) Hexachlorocyclopentadiene	12.869	237	1726542	90.243	ng	100
43) 2,4,6-Trichlorophenol	13.157	196	1121322	45.876	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1217941	41.071	ng		98
46) 1,1'-Biphenyl	13.569	154	4177814	43.722	ng		99
47) 2-Chloronaphthalene	13.616	162	3235130	44.876	ng		99
48) 2-Nitroaniline	13.834	65	905298	44.551	ng		98
49) Acenaphthylene	14.457	152	5237863	43.791	ng		100
50) Dimethylphthalate	14.193	163	4870762	49.863	ng		100
51) 2,6-Dinitrotoluene	14.328	165	847475	42.349	ng		92
52) Acenaphthene	14.799	154	2994092	42.095	ng		100
53) 3-Nitroaniline	14.663	138	568494	25.128	ng		95
54) 2,4-Dinitrophenol	14.863	184	699512	75.248	ng		99
55) Dibenzofuran	15.128	168	4771487	40.903	ng		98
56) 4-Nitrophenol	14.946	139	1505450	85.005	ng		100
57) 2,4-Dinitrotoluene	15.104	165	1131444	43.383	ng		93
58) Fluorene	15.781	166	3712753	40.512	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.340	232	998645	40.938	ng		93
60) Diethylphthalate	15.546	149	3903534	40.211	ng		99
61) 4-Chlorophenyl-phenyle...	15.769	204	1818599	39.323	ng		97
62) 4-Nitroaniline	15.834	138	856613	38.152	ng		99
63) Azobenzene	16.069	77	3824804	41.727	ng		97
65) 4,6-Dinitro-2-methylph...	15.857	198	487093	42.012	ng		97
66) n-Nitrosodiphenylamine	15.998	169	3288032	44.088	ng		100
67) 4-Bromophenyl-phenylether	16.675	248	1095527	40.884	ng		95
68) Hexachlorobenzene	16.757	284	1269663	42.489	ng		96
69) Atrazine	16.951	200	1108017	49.956	ng		99
70) Pentachlorophenol	17.116	266	1387729	67.108	ng		95
71) Phenanthrene	17.540	178	5704133	42.450	ng		100
72) Anthracene	17.634	178	5754220	42.587	ng		100
73) Carbazole	17.910	167	5276736	41.654	ng		99
74) Di-n-butylphthalate	18.428	149	6538174	44.611	ng		99
75) Fluoranthene	19.498	202	6264056	39.772	ng		98
77) Benzidine	19.692	184	2725277	82.288	ng		99
78) Pyrene	19.857	202	6350209	49.591	ng		100
80) Butylbenzylphthalate	20.716	149	2750650	54.679	ng		94
81) Benzo(a)anthracene	21.575	228	5665395	44.204	ng		99
82) 3,3'-Dichlorobenzidine	21.510	252	1082082	25.719	ng	#	96
83) Chrysene	21.633	228	5170447	42.246	ng		100
84) Bis(2-ethylhexyl)phtha...	21.463	149	4049673	53.619	ng		99
85) Di-n-octyl phthalate	22.463	149	6646712	52.326	ng		99
87) Indeno(1,2,3-cd)pyrene	26.968	276	5396893	42.693	ng		96
88) Benzo(b)fluoranthene	23.386	252	5099048	46.914	ng		99
89) Benzo(k)fluoranthene	23.439	252	5082068	45.975	ng		98
90) Benzo(a)pyrene	24.074	252	4413747	41.925	ng		98
91) Dibenzo(a,h)anthracene	27.004	278	4511372	42.794	ng		98
92) Benzo(g,h,i)perylene	27.833	276	4277888	42.109	ng		97

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

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