Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
Data File : BP016532.D
Acq On : 08 Aug 2023 11:34
Operator : MA/JU
Sample : PB154690BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 16:01:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 08 16:01:17 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB154690BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	205680	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	1011578	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	709614	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	1719841	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1841259	20.000	ng	# 0.00
86) Perylene-d12	24.174	264	2138831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2087586	165.583	ng	0.00
7) Phenol-d6	7.205	99	2890832	167.286	ng	0.00
23) Nitrobenzene-d5	9.263	82	1637339	90.607	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	1277855	122.406	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	3979886	80.408	ng	0.00
79) Terphenyl-d14	20.027	244	7614269	87.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	173124	35.209	ng	95
3) Pyridine	3.852	79	524212	35.666	ng	99
4) n-Nitrosodimethylamine	3.775	42	250756	45.249	ng	96
6) Aniline	7.399	93	1095276	51.314	ng	99
8) 2-Chlorophenol	7.616	128	768089	58.105	ng	97
9) Benzaldehyde	7.216	77	450062	70.206	ng	98
10) Phenol	7.234	94	1061152	63.233	ng	99
11) bis(2-Chloroethyl)ether	7.493	93	708648	51.948	ng	97
12) 1,3-Dichlorobenzene	7.946	146	698954	49.254	ng	98
13) 1,4-Dichlorobenzene	8.104	146	720422	50.047	ng	99
14) 1,2-Dichlorobenzene	8.416	146	716708	51.711	ng	98
15) Benzyl Alcohol	8.316	79	700908	59.369	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.599	45	882782	57.062	ng	98
17) 2-Methylphenol	8.504	107	700325	57.905	ng	99
18) Hexachloroethane	9.146	117	254401	49.546	ng	93
19) n-Nitroso-di-n-propyla...	8.881	70	593328	54.806	ng	97
20) 3+4-Methylphenols	8.834	107	971790	59.163	ng	98
22) Acetophenone	8.910	105	1164985	45.613	ng	99
24) Nitrobenzene	9.304	77	868167	46.775	ng	97
25) Isophorone	9.822	82	1667210	45.697	ng	98
26) 2-Nitrophenol	10.010	139	367189	46.037	ng	96
27) 2,4-Dimethylphenol	10.046	122	840601	51.501	ng	99
28) bis(2-Chloroethoxy)met...	10.310	93	1072996	48.014	ng	99
29) 2,4-Dichlorophenol	10.534	162	782285	51.213	ng	98
30) 1,2,4-Trichlorobenzene	10.745	180	723386	43.723	ng	99
31) Naphthalene	10.951	128	2405615	45.464	ng	100
32) Benzoic acid	10.169	122	535708	49.760	ng	99
33) 4-Chloroaniline	11.075	127	999968	41.896	ng	99
34) Hexachlorobutadiene	11.187	225	385260	39.331	ng	99
35) Caprolactam	11.892	113	319185	57.185	ng	99
36) 4-Chloro-3-methylphenol	12.169	107	938969	55.300	ng	99
37) 2-Methylnaphthalene	12.551	142	1735502	45.149	ng	99
38) 1-Methylnaphthalene	12.769	142	1655910	45.949	ng	99
40) 1,2,4,5-Tetrachloroben...	12.898	216	845887	39.226	ng	99
41) Hexachlorocyclopentadiene	12.851	237	986571	91.092	ng	100
43) 2,4,6-Trichlorophenol	13.145	196	643733	46.524	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.210	196	737851	43.954	ng		95
46) 1,1'-Biphenyl	13.551	154	2322503	42.936	ng		98
47) 2-Chloronaphthalene	13.598	162	1802249	44.163	ng		98
48) 2-Nitroaniline	13.828	65	599747	52.137	ng		99
49) Acenaphthylene	14.445	152	3032698	44.789	ng		99
50) Dimethylphthalate	14.175	163	2500555	45.220	ng		99
51) 2,6-Dinitrotoluene	14.310	165	547437	48.324	ng		92
52) Acenaphthene	14.781	154	1813979	45.051	ng		99
53) 3-Nitroaniline	14.651	138	596385	46.565	ng		90
54) 2,4-Dinitrophenol	14.851	184	600386	109.958	ng		99
55) Dibenzofuran	15.116	168	2949147	44.659	ng		98
56) 4-Nitrophenol	14.934	139	1265235	126.201	ng		96
57) 2,4-Dinitrotoluene	15.092	165	777636	52.672	ng		94
58) Fluorene	15.769	166	2405969	46.375	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.328	232	663512	48.049	ng		93
60) Diethylphthalate	15.533	149	2541103	46.241	ng		98
61) 4-Chlorophenyl-phenyle...	15.757	204	1139613	43.530	ng		96
62) 4-Nitroaniline	15.822	138	672685	52.925	ng		96
63) Azobenzene	16.057	77	2501298	48.205	ng		97
65) 4,6-Dinitro-2-methylph...	15.845	198	405878	50.086	ng		96
66) n-Nitrosodiphenylamine	15.980	169	2198402	43.374	ng		100
67) 4-Bromophenyl-phenylether	16.663	248	734031	40.307	ng		95
68) Hexachlorobenzene	16.745	284	851848	41.945	ng		95
69) Atrazine	16.933	200	814444	54.031	ng		98
70) Pentachlorophenol	17.104	266	1215061	86.457	ng		95
71) Phenanthrene	17.527	178	4147610	45.417	ng		99
72) Anthracene	17.622	178	4200081	45.738	ng		100
73) Carbazole	17.898	167	4190684	48.676	ng		99
74) Di-n-butylphthalate	18.410	149	4748115	47.670	ng		99
75) Fluoranthene	19.486	202	5128427	47.912	ng		98
77) Benzidine	19.680	184	4173721	130.742	ng		100
78) Pyrene	19.839	202	5438189	44.059	ng		100
80) Butylbenzylphthalate	20.704	149	2342282	48.304	ng		99
81) Benzo(a)anthracene	21.563	228	5613015	45.435	ng		99
82) 3,3'-Dichlorobenzidine	21.498	252	1967364	48.512	ng	#	97
83) Chrysene	21.621	228	5210172	44.165	ng		100
84) Bis(2-ethylhexyl)phtha...	21.445	149	3431008	47.129	ng		100
85) Di-n-octyl phthalate	22.433	149	6100435	49.824	ng		99
87) Indeno(1,2,3-cd)pyrene	26.945	276	6820025	47.297	ng		96
88) Benzo(b)fluoranthene	23.368	252	6035653	48.682	ng		99
89) Benzo(k)fluoranthene	23.421	252	5981041m	47.435	ng		
90) Benzo(a)pyrene	24.057	252	5357497	44.613	ng		99
91) Dibenzo(a,h)anthracene	26.974	278	5707003	47.459	ng		98
92) Benzo(g,h,i)perylene	27.809	276	5518199	47.619	ng		97

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

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