Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031722\
Data File : BP009445.D
Acq On : 17 Mar 2022 15:59
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 17 17:48:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 17:43:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	323833	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1218392	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	730140	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1430573	20.000	ng		0.00
76) Chrysene-d12	21.322	240	1298866	20.000	ng	#	0.00
86) Perylene-d12	23.721	264	1427285	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	2123855	95.733	ng		0.00
7) Phenol-d6	6.993	99	2855191	101.274	ng		0.00
23) Nitrobenzene-d5	8.957	82	2715548	122.759	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1336697	151.614	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	6204035	116.852	ng		0.00
79) Terphenyl-d14	19.786	244	8541097	124.094	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	403978	42.779	ng		97
3) Pyridine	3.722	79	1141823m	56.730	ng		
4) n-Nitrosodimethylamine	3.634	42	424474	50.568	ng		97
6) Aniline	7.134	93	1641956	45.980	ng		98
8) 2-Chlorophenol	7.375	128	1197959	52.715	ng		97
9) Benzaldehyde	6.946	77	668717	37.228	ng		98
10) Phenol	7.022	94	1439971	49.324	ng		96
11) bis(2-Chloroethyl)ether	7.228	93	1129537	49.995	ng		97
12) 1,3-Dichlorobenzene	7.693	146	1350414	50.438	ng		98
13) 1,4-Dichlorobenzene	7.834	146	1370828	50.463	ng		99
14) 1,2-Dichlorobenzene	8.152	146	1318102	50.769	ng		100
15) Benzyl Alcohol	8.052	79	1144010	57.539	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1220280	41.610	ng		94
17) 2-Methylphenol	8.257	107	985199	52.133	ng		98
18) Hexachloroethane	8.875	117	483326	51.121	ng		94
19) n-Nitroso-di-n-propyla...	8.616	70	879633	51.733	ng		96
20) 3+4-Methylphenols	8.593	107	1349966	53.303	ng		99
22) Acetophenone	8.628	105	1753837	53.849	ng	#	97
24) Nitrobenzene	9.005	77	1283887	54.765	ng		96
25) Isophorone	9.534	82	2242315	54.192	ng		98
26) 2-Nitrophenol	9.710	139	689771	75.951	ng		96
27) 2,4-Dimethylphenol	9.787	122	943305	47.225	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	1483742	54.795	ng		99
29) 2,4-Dichlorophenol	10.257	162	1151853	59.789	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	1316776	58.397	ng		99
31) Naphthalene	10.646	128	3624751	53.721	ng		100
32) Benzoic acid	9.999	122	800785	78.935	ng		96
33) 4-Chloroaniline	10.757	127	1483271	53.766	ng		99
34) Hexachlorobutadiene	10.940	225	895031	65.181	ng		99
35) Caprolactam	11.569	113	353219	62.289	ng		92
36) 4-Chloro-3-methylphenol	11.910	107	1179474	58.650	ng		99
37) 2-Methylnaphthalene	12.263	142	2508214	52.321	ng		98
38) 1-Methylnaphthalene	12.481	142	2414647	54.691	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1470478	59.763	ng		98
41) Hexachlorocyclopentadiene	12.616	237	621537	39.883	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	975372	66.020	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	1040503	64.208	ng		97
46) 1,1'-Biphenyl	13.275	154	3217609	53.976	ng		99
47) 2-Chloronaphthalene	13.316	162	2545378	56.372	ng		99
48) 2-Nitroaniline	13.522	65	697601	67.194	ng		95
49) Acenaphthylene	14.163	152	3841725	55.066	ng		100
50) Dimethylphthalate	13.910	163	3071950	57.044	ng		100
51) 2,6-Dinitrotoluene	14.022	165	672242	63.212	ng		95
52) Acenaphthene	14.510	154	2264353	50.642	ng		99
53) 3-Nitroaniline	14.357	138	702095	62.151	ng		95
54) 2,4-Dinitrophenol	14.569	184	398030	87.409	ng		96
55) Dibenzofuran	14.845	168	3790525	55.963	ng		99
56) 4-Nitrophenol	14.692	139	540319	57.514	ng		97
57) 2,4-Dinitrotoluene	14.816	165	902068	66.247	ng		96
58) Fluorene	15.498	166	2900517	54.684	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	898492	65.849	ng		93
60) Diethylphthalate	15.281	149	2985106	56.933	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	1617368	59.864	ng		97
62) 4-Nitroaniline	15.528	138	709257	64.746	ng		96
63) Azobenzene	15.787	77	2711967	52.648	ng		97
65) 4,6-Dinitro-2-methylph...	15.587	198	595669	94.664	ng		94
66) n-Nitrosodiphenylamine	15.710	169	2541491	56.595	ng		98
67) 4-Bromophenyl-phenylether	16.392	248	1054366	68.313	ng		95
68) Hexachlorobenzene	16.516	284	1198321	66.194	ng		95
69) Atrazine	16.675	200	800889	50.664	ng		98
70) Pentachlorophenol	16.869	266	688966	63.232	ng		98
71) Phenanthrene	17.251	178	4437524	53.974	ng		100
72) Anthracene	17.339	178	4389243	53.636	ng		100
73) Carbazole	17.616	167	4170877	55.935	ng		99
74) Di-n-butylphthalate	18.175	149	4840093	58.646	ng		99
75) Fluoranthene	19.227	202	5122371	53.979	ng		99
77) Benzidine	19.410	184	2023566	44.635	ng		99
78) Pyrene	19.580	202	5153750	58.768	ng		100
80) Butylbenzylphthalate	20.469	149	2116551	66.866	ng		91
81) Benzo(a)anthracene	21.304	228	4956170	56.297	ng		100
82) 3,3'-Dichlorobenzidine	21.239	252	1878597	58.131	ng	#	97
83) Chrysene	21.357	228	4704853	55.043	ng		100
84) Bis(2-ethylhexyl)phtha...	21.233	149	2890900	57.104	ng		99
85) Di-n-octyl phthalate	22.163	149	4860913	58.647	ng		97
87) Indeno(1,2,3-cd)pyrene	26.245	276	6348962	57.253	ng	#	94
88) Benzo(b)fluoranthene	22.992	252	4852171	50.350	ng		98
89) Benzo(k)fluoranthene	23.045	252	4956555	53.838	ng	#	98
90) Benzo(a)pyrene	23.621	252	4241710	46.408	ng	#	98
91) Dibenzo(a,h)anthracene	26.257	278	5251124	55.845	ng	#	96
92) Benzo(g,h,i)perylene	27.015	276	5240715	56.416	ng	#	94

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

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