Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006882.D
Acq On : 25 Aug 2021 16:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 25 17:48:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 11:27:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	192389	20.000	ng		0.00
21) Naphthalene-d8	10.469	136	701166	20.000	ng	#	0.00
39) Acenaphthene-d10	14.334	164	360897	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	674193	20.000	ng	#	0.00
76) Chrysene-d12	21.198	240	604598	20.000	ng	#	0.00
86) Perylene-d12	23.510	264	642635	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1020610	81.481	ng		0.02
7) Phenol-d6	6.881	99	1269786	71.364	ng		0.01
23) Nitrobenzene-d5	8.852	82	1171636	77.128	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	331955	88.010	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	2074645	86.006	ng		0.00
79) Terphenyl-d14	19.675	244	2623550	86.951	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	219898	40.324	ng		96
3) Pyridine	3.664	79	566441	35.341	ng		98
4) n-Nitrosodimethylamine	3.576	42	181746	30.043	ng	#	69
6) Aniline	7.034	93	674672	34.907	ng		99
8) 2-Chlorophenol	7.258	128	528849	39.021	ng		96
9) Benzaldehyde	6.846	77	350547	32.733	ng		97
10) Phenol	6.911	94	624241	34.988	ng		98
11) bis(2-Chloroethyl)ether	7.134	93	476774	35.193	ng		97
12) 1,3-Dichlorobenzene	7.575	146	570046	40.357	ng		99
13) 1,4-Dichlorobenzene	7.722	146	573803	40.027	ng		98
14) 1,2-Dichlorobenzene	8.034	146	540749	39.311	ng		97
15) Benzyl Alcohol	7.940	79	452669	33.924	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	468599	29.067	ng		97
17) 2-Methylphenol	8.146	107	405138	35.961	ng		99
18) Hexachloroethane	8.752	117	224744	39.609	ng		93
19) n-Nitroso-di-n-propyla...	8.505	70	335002	28.063	ng		93
20) 3+4-Methylphenols	8.475	107	542857	35.401	ng		99
22) Acetophenone	8.516	105	725392	39.011	ng	#	98
24) Nitrobenzene	8.893	77	596759	37.791	ng		95
25) Isophorone	9.416	82	1020692	37.409	ng		96
26) 2-Nitrophenol	9.593	139	266087	46.302	ng		95
27) 2,4-Dimethylphenol	9.663	122	381470	39.640	ng		97
28) bis(2-Chloroethoxy)met...	9.899	93	547865	37.528	ng		98
29) 2,4-Dichlorophenol	10.128	162	415877	42.685	ng		96
30) 1,2,4-Trichlorobenzene	10.334	180	446148	42.615	ng		97
31) Naphthalene	10.522	128	1512611	40.147	ng		99
32) Benzoic acid	9.834	122	292017	39.226	ng		97
33) 4-Chloroaniline	10.646	127	584003	38.304	ng		97
34) Hexachlorobutadiene	10.799	225	277640	45.510	ng		99
35) Caprolactam	11.463	113	130968	37.280	ng	#	82
36) 4-Chloro-3-methylphenol	11.781	107	475456	38.410	ng		90
37) 2-Methylnaphthalene	12.140	142	1001435	39.225	ng		99
38) 1-Methylnaphthalene	12.357	142	937602	38.645	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	427748	45.285	ng	#	97
41) Hexachlorocyclopentadiene	12.481	237	189305	37.787	ng		97
43) 2,4,6-Trichlorophenol	12.763	196	299685	46.465	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.834	196	319049	44.690	ng	#	91
46) 1,1'-Biphenyl	13.163	154	1158202	42.399	ng		98
47) 2-Chloronaphthalene	13.199	162	894788	42.536	ng		94
48) 2-Nitroaniline	13.422	65	294940	39.729	ng		91
49) Acenaphthylene	14.051	152	1412793	41.651	ng		100
50) Dimethylphthalate	13.804	163	1060145	40.355	ng		99
51) 2,6-Dinitrotoluene	13.922	165	241580	41.211	ng	#	80
52) Acenaphthene	14.398	154	843104	40.841	ng		98
53) 3-Nitroaniline	14.257	138	260913	40.149	ng		89
54) 2,4-Dinitrophenol	14.469	184	122527	39.970	ng	#	83
55) Dibenzofuran	14.734	168	1311918	40.403	ng		94
56) 4-Nitrophenol	14.581	139	213333	37.806	ng		90
57) 2,4-Dinitrotoluene	14.716	165	328139	41.740	ng	#	79
58) Fluorene	15.387	166	1039183	40.040	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.963	232	256896	42.938	ng	#	73
60) Diethylphthalate	15.175	149	1112087	40.304	ng		97
61) 4-Chlorophenyl-phenyle...	15.387	204	481020	40.926	ng		91
62) 4-Nitroaniline	15.422	138	265719	38.533	ng		92
63) Azobenzene	15.681	77	1214350	37.748	ng		93
65) 4,6-Dinitro-2-methylph...	15.487	198	177093	42.989	ng		83
66) n-Nitrosodiphenylamine	15.604	169	882583	41.649	ng		99
67) 4-Bromophenyl-phenylether	16.281	248	287392	44.427	ng	#	87
68) Hexachlorobenzene	16.387	284	315056	42.798	ng	#	85
69) Atrazine	16.575	200	279016	42.195	ng		96
70) Pentachlorophenol	16.740	266	197984	42.389	ng		98
71) Phenanthrene	17.134	178	1541219	40.528	ng		99
72) Anthracene	17.228	178	1523306	41.455	ng		100
73) Carbazole	17.504	167	1485431	39.631	ng		98
74) Di-n-butylphthalate	18.069	149	1856609	43.478	ng		100
75) Fluoranthene	19.116	202	1699047	39.806	ng		95
77) Benzidine	19.304	184	634026	41.908	ng		99
78) Pyrene	19.469	202	1746161	43.239	ng		98
80) Butylbenzylphthalate	20.357	149	843484	47.499	ng		91
81) Benzo(a)anthracene	21.186	228	1626306	41.159	ng		100
82) 3,3'-Dichlorobenzidine	21.128	252	461657	44.505	ng	#	98
83) Chrysene	21.239	228	1581850	41.295	ng		100
84) Bis(2-ethylhexyl)phtha...	21.122	149	1208403	45.282	ng	#	97
85) Di-n-octyl phthalate	22.022	149	2119308	48.183	ng		98
87) Indeno(1,2,3-cd)pyrene	25.898	276	1936319	41.554	ng	#	92
88) Benzo(b)fluoranthene	22.810	252	1704219	40.804	ng	#	97
89) Benzo(k)fluoranthene	22.857	252	1564433	39.013	ng	#	97
90) Benzo(a)pyrene	23.410	252	1548602	41.338	ng	#	96
91) Dibenzo(a,h)anthracene	25.910	278	1668008	41.401	ng	#	95
92) Benzo(g,h,i)perylene	26.627	276	1599503	41.429	ng	#	92

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

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