Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042121\
Data File : BP005362.D
Acq On : 21 Apr 2021 16:22
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC080

Quant Time: Apr 21 16:54:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 15:45:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	47725	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	155732	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	119007	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	284948	20.00	ng	0.00
76) Chrysene-d12	21.174	240	399421	20.00	ng	0.00
86) Perylene-d12	23.427	264	396774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	455643	151.90	ng	0.00
7) Phenol-d6	6.840	99	636842	183.87	ng	0.00
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	15.816	330	418986	151.25	ng	0.00
45) 2-Fluorobiphenyl	12.922	172	1585980	176.28	ng	0.00
79) Terphenyl-d14	19.651	244	3932379	190.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	114094	61.32	ng	# 87
3) Pyridine	3.581	79	256505	65.38	ng	# 89
4) n-Nitrosodimethylamine	3.493	42	145253	109.61	ng	# 18
6) Aniline	6.987	93	339886	114.39	ng	# 83
8) 2-Chlorophenol	7.216	128	227017	78.57	ng	83
9) Benzaldehyde	6.799	77	145761	91.42	ng	# 77
10) Phenol	6.863	94	317532	92.46	ng	# 70
11) bis(2-Chloroethyl)ether	7.087	93	221084	89.59	ng	93
12) 1,3-Dichlorobenzene	7.534	146	264822	69.26	ng	# 86
13) 1,4-Dichlorobenzene	7.681	146	271305	73.59	ng	96
14) 1,2-Dichlorobenzene	7.993	146	262513	75.91	ng	95
15) Benzyl Alcohol	7.899	79	279914	190.20	ng	# 73
16) 2,2'-oxybis(1-Chloropr...	8.181	45	184674	126.44	ng	98
17) 2-Methylphenol	8.099	107	201428	119.68	ng	# 87
18) Hexachloroethane	8.710	117	109692	84.37	ng	89
19) n-Nitroso-di-n-propyla...	8.463	70	228944	163.25	ng	# 95
20) 3+4-Methylphenols	8.434	107	272367	138.90	ng	93
22) Acetophenone	8.475	105	392598	50.87	ng	# 91
24) Nitrobenzene	8.851	77	355704	63.46	ng	93
25) Isophorone	9.381	82	589659	105.99	ng	# 94
27) 2,4-Dimethylphenol	9.628	122	187634	83.07	ng	# 85
28) bis(2-Chloroethoxy)met...	9.857	93	266654	92.59	ng	98
29) 2,4-Dichlorophenol	10.093	162	249406	88.92	ng	95
30) 1,2,4-Trichlorobenzene	10.298	180	308343	78.77	ng	98
31) Naphthalene	10.487	128	691104	75.48	ng	98
32) Benzoic acid	9.840	122	140160	92.89	ng	# 72
33) 4-Chloroaniline	10.610	127	276616	95.49	ng	95
34) Hexachlorobutadiene	10.757	225	274470	75.59	ng	97
35) Caprolactam	11.434	113	73680	120.99	ng	# 54
36) 4-Chloro-3-methylphenol	11.751	107	278211	120.36	ng	90
37) 2-Methylnaphthalene	12.104	142	526789	94.14	ng	96
38) 1-Methylnaphthalene	12.328	142	497611	92.33	ng	98
40) 1,2,4,5-Tetrachloroben...	12.481	216	428154	91.55	ng	98
43) 2,4,6-Trichlorophenol	12.734	196	252850	103.40	ng	97
44) 2,4,5-Trichlorophenol	12.810	196	277198	102.31	ng	96
46) 1,1'-Biphenyl	13.134	154	707134	86.45	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.175	162	582498	84.52	ng		99
48) 2-Nitroaniline	13.398	65	206125	134.69	ng		93
49) Acenaphthylene	14.028	152	872859	84.96	ng		99
50) Dimethylphthalate	13.781	163	757357	97.47	ng		99
51) 2,6-Dinitrotoluene	13.898	165	171908	86.21	ng		91
52) Acenaphthene	14.375	154	537221	79.88	ng		96
53) 3-Nitroaniline	14.234	138	144792	94.10	ng		90
54) 2,4-Dinitrophenol	14.451	184	109637	97.39	ng		92
55) Dibenzofuran	14.710	168	967495	75.61	ng		98
56) 4-Nitrophenol	14.563	139	117689	104.51	ng		97
57) 2,4-Dinitrotoluene	14.698	165	251402	83.38	ng		88
58) Fluorene	15.363	166	816355	77.43	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.945	232	282651	87.62	ng		99
60) Diethylphthalate	15.151	149	737077	92.30	ng		99
61) 4-Chlorophenyl-phenyle...	15.363	204	520155	82.37	ng		95
62) 4-Nitroaniline	15.410	138	145165	89.36	ng		97
63) Azobenzene	15.657	77	870071	80.77	ng		97
65) 4,6-Dinitro-2-methylph...	15.469	198	177417	91.83	ng		94
66) n-Nitrosodiphenylamine	15.586	169	676989	88.67	ng		93
67) 4-Bromophenyl-phenylether	16.263	248	341340	87.74	ng		98
68) Hexachlorobenzene	16.375	284	386903	75.52	ng	#	93
69) Atrazine	16.551	200	289054	96.23	ng		96
70) Pentachlorophenol	16.728	266	228815	90.83	ng		96
71) Phenanthrene	17.116	178	1300459	76.69	ng		99
72) Anthracene	17.204	178	1298987	81.13	ng		99
73) Carbazole	17.486	167	1166068	80.88	ng		100
74) Di-n-butylphthalate	18.039	149	1244666	101.02	ng	#	95
75) Fluoranthene	19.098	202	1861457	85.37	ng		99
77) Benzidine	19.286	184	529810	104.86	ng		99
78) Pyrene	19.451	202	1940434	95.92	ng		99
81) Benzo(a)anthracene	21.163	228	2217168	91.25	ng		98
82) 3,3'-Dichlorobenzidine	21.098	252	725928	113.06	ng		96
83) Chrysene	21.216	228	2162697	88.79	ng		98
85) Di-n-octyl phthalate	21.963	149	1418070	110.57	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.762	276	2649789	81.98	ng		99
88) Benzo(b)fluoranthene	22.751	252	2276636	84.16	ng		99
89) Benzo(k)fluoranthene	22.798	252	2217345	86.15	ng		99
90) Benzo(a)pyrene	23.339	252	2065616	85.25	ng		99
91) Dibenzo(a,h)anthracene	25.768	278	2335905	82.85	ng		99
92) Benzo(g,h,i)perylene	26.462	276	2083147	79.00	ng		98

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

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