Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032521\
Data File : BP005040.D
Acq On : 25 Mar 2021 09:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Mar 25 10:19:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 10:18:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	28496	20.00	ng		# 0.00
21) Naphthalene-d8	10.510	136	111285	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	74428	20.00	ng		0.00
64) Phenanthrene-d10	17.133	188	154697	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	155824	20.00	ng		0.00
86) Perylene-d12	23.515	264	154038	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	151102	81.60	ng		0.00
7) Phenol-d6	6.893	99	221314	83.44	ng		0.00
23) Nitrobenzene-d5	8.881	82	211493	81.54	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	80766	83.29	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	442927	80.50	ng		0.00
79) Terphenyl-d14	19.704	244	721764	84.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	31595	39.18	ng		96
3) Pyridine	3.652	79	88358	44.07	ng		93
4) n-Nitrosodimethylamine	3.564	42	30195	42.12	ng		76
6) Aniline	7.058	93	125209	41.66	ng	#	89
8) 2-Chlorophenol	7.287	128	79511	40.71	ng	#	81
9) Benzaldehyde	6.869	77	52708	44.13	ng	#	78
10) Phenol	6.922	94	111287	40.94	ng		83
11) bis(2-Chloroethyl)ether	7.152	93	82910	41.66	ng		95
12) 1,3-Dichlorobenzene	7.610	146	89534	41.26	ng	#	90
13) 1,4-Dichlorobenzene	7.752	146	89996	40.85	ng	#	93
14) 1,2-Dichlorobenzene	8.069	146	88237	41.75	ng	#	92
15) Benzyl Alcohol	7.963	79	85873	41.97	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.246	45	60650	41.55	ng		89
17) 2-Methylphenol	8.163	107	72894	42.02	ng	#	90
18) Hexachloroethane	8.793	117	34531	41.13	ng		93
19) n-Nitroso-di-n-propyla...	8.528	70	72993	42.42	ng	#	90
20) 3+4-Methylphenols	8.493	107	99912	42.18	ng		91
22) Acetophenone	8.546	105	129767	40.56	ng	#	93
24) Nitrobenzene	8.922	77	110707	40.50	ng	#	77
25) Isophorone	9.446	82	200567	41.90	ng	#	89
26) 2-Nitrophenol	9.628	139	46061	43.45	ng	#	70
27) 2,4-Dimethylphenol	9.693	122	72278	42.40	ng		86
28) bis(2-Chloroethoxy)met...	9.928	93	102448	42.28	ng		98
29) 2,4-Dichlorophenol	10.163	162	79877	41.88	ng		95
30) 1,2,4-Trichlorobenzene	10.375	180	88282	41.21	ng		98
31) Naphthalene	10.563	128	257886	41.02	ng		99
32) Benzoic acid	9.840	122	49786	39.34	ng	#	69
33) 4-Chloroaniline	10.675	127	106489	41.87	ng	#	88
34) Hexachlorobutadiene	10.846	225	56639	41.08	ng		98
35) Caprolactam	11.469	113	26069	41.65	ng	#	78
36) 4-Chloro-3-methylphenol	11.810	107	97590	42.35	ng	#	79
37) 2-Methylnaphthalene	12.181	142	186412	41.07	ng	#	93
38) 1-Methylnaphthalene	12.398	142	179023	42.07	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	98486	40.63	ng	#	98
41) Hexachlorocyclopentadiene	12.528	237	55661	42.22	ng		97
43) 2,4,6-Trichlorophenol	12.798	196	68892	41.12	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	75525	41.62	ng	#	89
46) 1,1'-Biphenyl	13.198	154	229710	40.46	ng		97
47) 2-Chloronaphthalene	13.240	162	188185	40.72	ng		98
48) 2-Nitroaniline	13.451	65	61996	42.11	ng	#	57
49) Acenaphthylene	14.092	152	296189	41.22	ng		99
50) Dimethylphthalate	13.840	163	233107	40.66	ng	#	99
51) 2,6-Dinitrotoluene	13.957	165	55424	41.02	ng	#	61
52) Acenaphthene	14.439	154	180546	40.83	ng		97
53) 3-Nitroaniline	14.287	138	51935	41.76	ng	#	62
54) 2,4-Dinitrophenol	14.492	184	33937	41.48	ng	#	77
55) Dibenzofuran	14.775	168	299115	41.27	ng		99
56) 4-Nitrophenol	14.598	139	44245	43.37	ng	#	51
57) 2,4-Dinitrotoluene	14.745	165	75325	42.21	ng	#	61
58) Fluorene	15.428	166	237776	40.63	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	67542	40.36	ng		99
60) Diethylphthalate	15.210	149	230442	41.10	ng		97
61) 4-Chlorophenyl-phenyle...	15.422	204	124528	40.09	ng		98
62) 4-Nitroaniline	15.457	138	55348	43.32	ng	#	65
63) Azobenzene	15.716	77	257718	40.21	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	50659	44.87	ng		90
66) n-Nitrosodiphenylamine	15.639	169	207219	41.67	ng		100
67) 4-Bromophenyl-phenylether	16.322	248	76199	42.51	ng		94
68) Hexachlorobenzene	16.433	284	83991	41.67	ng		91
69) Atrazine	16.604	200	71904	43.54	ng		98
70) Pentachlorophenol	16.781	266	57213	42.99	ng		97
71) Phenanthrene	17.175	178	376056	41.93	ng		99
72) Anthracene	17.269	178	368871	42.10	ng		99
73) Carbazole	17.545	167	348242	42.30	ng		99
74) Di-n-butylphthalate	18.098	149	388100	42.84	ng	#	98
75) Fluoranthene	19.151	202	440811	41.78	ng		99
77) Benzidine	19.339	184	151922	44.44	ng		98
78) Pyrene	19.504	202	452531	42.26	ng		98
80) Butylbenzylphthalate	20.386	149	175014	44.05	ng	#	77
81) Benzo(a)anthracene	21.216	228	448595	42.37	ng		97
82) 3,3'-Dichlorobenzidine	21.151	252	153115	43.04	ng		98
83) Chrysene	21.263	228	437514	42.11	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	254066	43.61	ng		99
85) Di-n-octyl phthalate	22.027	149	432433	44.03	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.862	276	488058	42.26	ng		97
88) Benzo(b)fluoranthene	22.821	252	462228	42.26	ng		97
89) Benzo(k)fluoranthene	22.868	252	439969	41.97	ng		99
90) Benzo(a)pyrene	23.415	252	414603	42.27	ng		98
91) Dibenzo(a,h)anthracene	25.880	278	424747	42.53	ng		97
92) Benzo(g,h,i)perylene	26.580	276	403869	41.91	ng		97

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

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