Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072221\
Data File : BP006280.D
Acq On : 22 Jul 2021 14:53
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP072221

Quant Time: Jul 22 15:40:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:48:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	310399	20.00	ng		0.00
21) Naphthalene-d8	10.581	136	1300479	20.00	ng		# 0.00
39) Acenaphthene-d10	14.428	164	768542	20.00	ng		0.00
64) Phenanthrene-d10	17.181	188	1491744	20.00	ng		# 0.00
76) Chrysene-d12	21.280	240	1405695	20.00	ng		# 0.00
86) Perylene-d12	23.639	264	1417941	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1557547	80.55	ng		-0.01
7) Phenol-d6	6.969	99	2215878	82.80	ng		0.00
23) Nitrobenzene-d5	8.952	82	1998081	81.30	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	600003	85.68	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	3985263	77.99	ng		0.00
79) Terphenyl-d14	19.757	244	5617228	80.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	317513	38.65	ng		92
3) Pyridine	3.723	79	941110	40.06	ng		96
4) n-Nitrosodimethylamine	3.634	42	331861	41.30	ng	#	75
6) Aniline	7.128	93	1213422	41.71	ng		97
8) 2-Chlorophenol	7.358	128	867720	41.10	ng		95
9) Benzaldehyde	6.940	77	627248	40.63	ng		95
10) Phenol	6.993	94	1096243	41.18	ng		95
11) bis(2-Chloroethyl)ether	7.228	93	839536	41.07	ng		93
12) 1,3-Dichlorobenzene	7.681	146	904012	40.15	ng		98
13) 1,4-Dichlorobenzene	7.828	146	919216	40.20	ng		98
14) 1,2-Dichlorobenzene	8.140	146	882125	40.31	ng		97
15) Benzyl Alcohol	8.034	79	820850	42.64	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.334	45	918424	41.39	ng		94
17) 2-Methylphenol	8.234	107	719947	41.90	ng		98
18) Hexachloroethane	8.863	117	341011	41.01	ng		90
19) n-Nitroso-di-n-propyla...	8.611	70	706920	42.85	ng		93
20) 3+4-Methylphenols	8.563	107	979285	42.15	ng		94
22) Acetophenone	8.616	105	1296727	40.33	ng	#	97
24) Nitrobenzene	8.993	77	1042507	40.63	ng		94
25) Isophorone	9.522	82	1860888	41.24	ng		96
26) 2-Nitrophenol	9.699	139	421397	42.92	ng		95
27) 2,4-Dimethylphenol	9.763	122	722193	40.88	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	1036663	40.28	ng		98
29) 2,4-Dichlorophenol	10.228	162	740761	40.91	ng		95
30) 1,2,4-Trichlorobenzene	10.446	180	786592	39.40	ng		99
31) Naphthalene	10.634	128	2702188	39.33	ng		99
32) Benzoic acid	9.905	122	531804	42.32	ng		96
33) 4-Chloroaniline	10.746	127	1108821	40.35	ng		97
34) Hexachlorobutadiene	10.916	225	460989	39.36	ng		100
35) Caprolactam	11.546	113	246818	43.07	ng		84
36) 4-Chloro-3-methylphenol	11.875	107	885503	41.09	ng		95
37) 2-Methylnaphthalene	12.246	142	1896483	40.19	ng		98
38) 1-Methylnaphthalene	12.463	142	1777668	39.97	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	808931	39.04	ng		97
41) Hexachlorocyclopentadiene	12.593	237	451817	40.26	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	562850	41.15	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	607766	40.52	ng	#	92
46) 1,1'-Biphenyl	13.263	154	2235175	38.83	ng		97
47) 2-Chloronaphthalene	13.298	162	1733588	39.21	ng		97
48) 2-Nitroaniline	13.510	65	540313	42.44	ng		96
49) Acenaphthylene	14.146	152	2788985	39.82	ng		99
50) Dimethylphthalate	13.898	163	2123447	39.37	ng		100
51) 2,6-Dinitrotoluene	14.010	165	486288	41.65	ng		93
52) Acenaphthene	14.493	154	1703706	39.35	ng		99
53) 3-Nitroaniline	14.340	138	528425	42.15	ng		94
54) 2,4-Dinitrophenol	14.540	184	240457	40.86	ng		93
55) Dibenzofuran	14.828	168	2650672	39.10	ng		98
56) 4-Nitrophenol	14.640	139	451702	42.35	ng		86
57) 2,4-Dinitrotoluene	14.793	165	652884	42.78	ng		91
58) Fluorene	15.481	166	2133592	39.49	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	513102	41.20	ng	#	80
60) Diethylphthalate	15.269	149	2220340	40.13	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	1002604	39.60	ng		97
62) 4-Nitroaniline	15.504	138	548392	42.20	ng	#	85
63) Azobenzene	15.769	77	2393289	40.52	ng		92
65) 4,6-Dinitro-2-methylph...	15.557	198	345016	41.59	ng		84
66) n-Nitrosodiphenylamine	15.692	169	1850579	40.03	ng		99
67) 4-Bromophenyl-phenylether	16.375	248	540503	41.02	ng		93
68) Hexachlorobenzene	16.481	284	663824	39.82	ng		94
69) Atrazine	16.657	200	601230	41.19	ng		97
70) Pentachlorophenol	16.828	266	423756	42.37	ng		99
71) Phenanthrene	17.222	178	3244031	39.42	ng		99
72) Anthracene	17.316	178	3176317	39.90	ng		100
73) Carbazole	17.587	167	3182222	39.96	ng		98
74) Di-n-butylphthalate	18.157	149	3746012	41.57	ng		99
75) Fluoranthene	19.198	202	3616233	39.26	ng		95
77) Benzidine	19.386	184	1647557	44.90	ng		99
78) Pyrene	19.551	202	3775896	40.84	ng		99
80) Butylbenzylphthalate	20.445	149	1696060	43.35	ng		94
81) Benzo(a)anthracene	21.263	228	3582906	39.70	ng		100
82) 3,3'-Dichlorobenzidine	21.204	252	985694	41.26	ng	#	98
83) Chrysene	21.316	228	3452283	39.55	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	2541667	43.12	ng	#	98
85) Di-n-octyl phthalate	22.127	149	4178237	42.62	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.086	276	4028379	39.75	ng	#	89
88) Benzo(b)fluoranthene	22.922	252	3626746	39.79	ng	#	96
89) Benzo(k)fluoranthene	22.969	252	3539543	41.01	ng	#	96
90) Benzo(a)pyrene	23.533	252	3305497	40.48	ng	#	95
91) Dibenzo(a,h)anthracene	26.110	278	3467381	39.60	ng	#	93
92) Benzo(g,h,i)perylene	26.833	276	3365877	39.87	ng	#	90

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

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