Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040121\
Data File : BP005147.D
Acq On : 01 Apr 2021 21:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 02 02:00:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	28703	20.00	ng		# 0.00
21) Naphthalene-d8	10.492	136	114414	20.00	ng		# 0.00
39) Acenaphthene-d10	14.363	164	73498	20.00	ng		0.00
64) Phenanthrene-d10	17.121	188	151992	20.00	ng		# 0.00
76) Chrysene-d12	21.221	240	152518	20.00	ng		0.00
86) Perylene-d12	23.503	264	152368	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.298	112	153400	82.25	ng		0.00
7) Phenol-d6	6.881	99	221984	83.09	ng		0.00
23) Nitrobenzene-d5	8.863	82	208213	78.08	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	75519	78.86	ng		0.00
45) 2-Fluorobiphenyl	12.974	172	415655	76.50	ng		0.00
79) Terphenyl-d14	19.698	244	659379	78.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	33118	40.77	ng		99
3) Pyridine	3.640	79	86497	42.83	ng		94
4) n-Nitrosodimethylamine	3.551	42	29488	40.84	ng	#	84
6) Aniline	7.040	93	126565	41.81	ng	#	87
8) 2-Chlorophenol	7.269	128	80051	40.69	ng		83
9) Benzaldehyde	6.851	77	51919	38.16	ng	#	79
10) Phenol	6.910	94	114151	41.69	ng		84
11) bis(2-Chloroethyl)ether	7.139	93	82548	41.18	ng		96
12) 1,3-Dichlorobenzene	7.592	146	86305	39.49	ng	#	90
13) 1,4-Dichlorobenzene	7.739	146	90152	40.63	ng	#	92
14) 1,2-Dichlorobenzene	8.051	146	87846	41.27	ng	#	95
15) Benzyl Alcohol	7.951	79	85430	41.45	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.239	45	64865	44.11	ng		92
17) 2-Methylphenol	8.151	107	73834	42.25	ng	#	91
18) Hexachloroethane	8.775	117	33622	39.76	ng		95
19) n-Nitroso-di-n-propyla...	8.516	70	72493	41.83	ng	#	93
20) 3+4-Methylphenols	8.481	107	101045	42.35	ng		94
22) Acetophenone	8.528	105	130565	39.69	ng	#	94
24) Nitrobenzene	8.904	77	107746	38.34	ng	#	78
25) Isophorone	9.433	82	200556	40.75	ng	#	88
26) 2-Nitrophenol	9.610	139	45001	41.29	ng	#	64
27) 2,4-Dimethylphenol	9.681	122	69008	39.37	ng	#	85
28) bis(2-Chloroethoxy)met...	9.916	93	99437	39.92	ng		97
29) 2,4-Dichlorophenol	10.145	162	77781	39.66	ng		91
30) 1,2,4-Trichlorobenzene	10.357	180	84045	38.16	ng		99
31) Naphthalene	10.545	128	248825	38.50	ng		99
32) Benzoic acid	9.828	122	54280	41.72	ng	#	65
33) 4-Chloroaniline	10.663	127	103863	39.72	ng	#	87
34) Hexachlorobutadiene	10.828	225	52776	37.23	ng		98
35) Caprolactam	11.463	113	26864	41.75	ng		86
36) 4-Chloro-3-methylphenol	11.792	107	92536	39.06	ng	#	84
37) 2-Methylnaphthalene	12.163	142	179429	38.45	ng	#	95
38) 1-Methylnaphthalene	12.386	142	170743	39.03	ng		99
40) 1,2,4,5-Tetrachloroben...	12.533	216	90859	37.96	ng	#	98
41) Hexachlorocyclopentadiene	12.516	237	50641	38.90	ng		99
43) 2,4,6-Trichlorophenol	12.780	196	65930	39.85	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	69992	39.06	ng	#	92
46) 1,1'-Biphenyl	13.186	154	216458	38.61	ng		97
47) 2-Chloronaphthalene	13.227	162	176830	38.75	ng		99
48) 2-Nitroaniline	13.439	65	60160	41.38	ng	#	57
49) Acenaphthylene	14.080	152	278863	39.30	ng		99
50) Dimethylphthalate	13.827	163	220203	38.90	ng		98
51) 2,6-Dinitrotoluene	13.945	165	52193	39.12	ng	#	71
52) Acenaphthene	14.427	154	168615	38.61	ng		100
53) 3-Nitroaniline	14.274	138	50569	41.18	ng	#	65
54) 2,4-Dinitrophenol	14.480	184	32568	40.31	ng	#	78
55) Dibenzofuran	14.763	168	277122	38.72	ng		98
56) 4-Nitrophenol	14.586	139	44227	43.91	ng	#	56
57) 2,4-Dinitrotoluene	14.733	165	73516	41.72	ng	#	59
58) Fluorene	15.416	166	224259	38.80	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	64016	38.73	ng		98
60) Diethylphthalate	15.198	149	216883	39.17	ng		96
61) 4-Chlorophenyl-phenyle...	15.416	204	116072	37.84	ng		97
62) 4-Nitroaniline	15.445	138	53632	42.51	ng	#	65
63) Azobenzene	15.710	77	241465	38.15	ng		89
65) 4,6-Dinitro-2-methylph...	15.504	198	47592	42.91	ng		93
66) n-Nitrosodiphenylamine	15.633	169	199325	40.80	ng		98
67) 4-Bromophenyl-phenylether	16.310	248	70935	40.28	ng		95
68) Hexachlorobenzene	16.421	284	77399	39.08	ng		98
69) Atrazine	16.592	200	65623	40.44	ng		93
70) Pentachlorophenol	16.768	266	53550	40.95	ng		97
71) Phenanthrene	17.162	178	348811	39.59	ng		98
72) Anthracene	17.257	178	346837	40.29	ng		98
73) Carbazole	17.533	167	328729	40.64	ng		97
74) Di-n-butylphthalate	18.092	149	376134	42.26	ng	#	99
75) Fluoranthene	19.145	202	406906	39.25	ng		99
77) Benzidine	19.327	184	150604	45.01	ng		98
78) Pyrene	19.498	202	418256	39.91	ng		98
80) Butylbenzylphthalate	20.374	149	173813	44.69	ng	#	76
81) Benzo(a)anthracene	21.203	228	414545	40.01	ng		98
82) 3,3'-Dichlorobenzidine	21.145	252	147486	42.35	ng		99
83) Chrysene	21.256	228	405909	39.91	ng		97
84) Bis(2-ethylhexyl)phtha...	21.133	149	251087	44.04	ng		99
85) Di-n-octyl phthalate	22.021	149	428627	44.59	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.850	276	453057	39.66	ng		98
88) Benzo(b)fluoranthene	22.815	252	410673	37.96	ng		99
89) Benzo(k)fluoranthene	22.856	252	409891	39.53	ng		99
90) Benzo(a)pyrene	23.409	252	384052	39.58	ng		99
91) Dibenzo(a,h)anthracene	25.868	278	395525	40.04	ng		97
92) Benzo(g,h,i)perylene	26.568	276	379925	39.85	ng		98

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

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