Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003572.D
Acq On : 08 Oct 2020 14:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Oct 08 16:03:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.481	152	51572	20.00	ng		0.00
21) Naphthalene-d8	10.251	136	202113	20.00	ng		# 0.00
39) Acenaphthene-d10	14.139	164	126342	20.00	ng		0.00
64) Phenanthrene-d10	16.898	188	275955	20.00	ng		# 0.00
76) Chrysene-d12	21.010	240	313997	20.00	ng		0.00
86) Perylene-d12	23.174	264	358397	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.099	112	219398	74.28	ng		0.00
7) Phenol-d6	6.687	99	308965	78.48	ng		0.00
23) Nitrobenzene-d5	8.634	82	308703	89.73	ng		0.00
42) 2,4,6-Tribromophenol	15.645	330	151533	78.64	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	690863	79.97	ng		0.00
79) Terphenyl-d14	19.486	244	1192016	79.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.987	88	42409	34.94	ng		99
3) Pyridine	3.381	79	117065	36.22	ng		96
4) n-Nitrosodimethylamine	3.299	42	41793	43.23	ng	#	74
6) Aniline	6.816	93	175527	38.83	ng		91
8) 2-Chlorophenol	7.057	128	124671	37.90	ng		90
9) Benzaldehyde	6.634	77	78763	35.88	ng		86
10) Phenol	6.716	94	147141	39.13	ng		82
11) bis(2-Chloroethyl)ether	6.916	93	115444	38.74	ng		96
12) 1,3-Dichlorobenzene	7.369	146	152165	38.69	ng	#	92
13) 1,4-Dichlorobenzene	7.516	146	155511	39.09	ng	#	95
14) 1,2-Dichlorobenzene	7.828	146	146916	38.47	ng		96
15) Benzyl Alcohol	7.734	79	128859	49.26	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.016	45	91424	42.20	ng		88
17) 2-Methylphenol	7.952	107	111415	40.98	ng	#	91
18) Hexachloroethane	8.540	117	60535	40.84	ng		96
19) n-Nitroso-di-n-propyla...	8.293	70	93312	44.24	ng	#	94
20) 3+4-Methylphenols	8.287	107	144180	39.84	ng	#	80
22) Acetophenone	8.304	105	196485	39.58	ng	#	91
24) Nitrobenzene	8.675	77	156132	45.36	ng	#	81
25) Isophorone	9.199	82	271116	43.00	ng	#	90
26) 2-Nitrophenol	9.393	139	75556	40.19	ng	#	75
27) 2,4-Dimethylphenol	9.469	122	103015	38.74	ng		90
28) bis(2-Chloroethoxy)met...	9.687	93	173341	41.30	ng		98
29) 2,4-Dichlorophenol	9.946	162	127969	38.52	ng		94
30) 1,2,4-Trichlorobenzene	10.128	180	148530	37.68	ng		98
31) Naphthalene	10.304	128	420745	39.41	ng		99
32) Benzoic acid	9.681	122	32936	23.16	ng	#	79
33) 4-Chloroaniline	10.434	127	178395	39.33	ng	#	90
34) Hexachlorobutadiene	10.598	225	101685	37.79	ng		100
35) Caprolactam	11.204	113	43231	38.99	ng		88
36) 4-Chloro-3-methylphenol	11.598	107	143879	40.16	ng		88
37) 2-Methylnaphthalene	11.934	142	297524	38.47	ng	#	95
38) 1-Methylnaphthalene	12.151	142	282592	38.48	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.316	216	162234	39.22	ng		99
41) Hexachlorocyclopentadiene	12.292	237	43010	40.43	ng		100
43) 2,4,6-Trichlorophenol	12.581	196	103290	38.62	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	105561	38.37	ng	#	93
46) 1,1'-Biphenyl	12.963	154	379664	40.29	ng		99
47) 2-Chloronaphthalene	13.004	162	309639	39.68	ng		95
48) 2-Nitroaniline	13.228	65	98111	49.68	ng	#	66
49) Acenaphthylene	13.857	152	472035	39.59	ng		99
50) Dimethylphthalate	13.610	163	399926	39.64	ng		100
51) 2,6-Dinitrotoluene	13.734	165	85976	39.76	ng	#	72
52) Acenaphthene	14.204	154	287546	39.63	ng		98
53) 3-Nitroaniline	14.069	138	95876	40.91	ng	#	70
54) 2,4-Dinitrophenol	14.316	184	41401	44.04	ng	#	77
55) Dibenzofuran	14.545	168	453005	39.12	ng		94
56) 4-Nitrophenol	14.439	139	66892	46.71	ng	#	57
57) 2,4-Dinitrotoluene	14.545	165	120507	40.18	ng	#	52
58) Fluorene	15.198	166	362768	39.66	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.792	232	97633	37.74	ng		98
60) Diethylphthalate	14.986	149	409607	39.80	ng		100
61) 4-Chlorophenyl-phenyle...	15.192	204	196264	39.31	ng		94
62) 4-Nitroaniline	15.245	138	97520	39.21	ng	#	64
63) Azobenzene	15.492	77	363564	46.35	ng		89
65) 4,6-Dinitro-2-methylph...	15.328	198	54763	37.61	ng		93
66) n-Nitrosodiphenylamine	15.416	169	324476	40.03	ng		100
67) 4-Bromophenyl-phenylether	16.092	248	132198	39.63	ng		95
68) Hexachlorobenzene	16.216	284	156163	39.41	ng		94
69) Atrazine	16.381	200	124653	39.20	ng		96
70) Pentachlorophenol	16.581	266	80655	50.17	ng		99
71) Phenanthrene	16.939	178	604546	40.27	ng		100
72) Anthracene	17.033	178	595385	40.24	ng		99
73) Carbazole	17.316	167	568968	40.48	ng		99
74) Di-n-butylphthalate	17.880	149	741067	41.24	ng	#	98
75) Fluoranthene	18.933	202	754795	39.98	ng		99
77) Benzidine	19.127	184	204279	20.98	ng		99
78) Pyrene	19.286	202	781786	39.92	ng		100
80) Butylbenzylphthalate	20.163	149	363540	40.58	ng	#	84
81) Benzo(a)anthracene	20.998	228	797997	39.31	ng		99
82) 3,3'-Dichlorobenzidine	20.927	252	300694	38.33	ng		99
83) Chrysene	21.045	228	773451	39.66	ng		99
84) Bis(2-ethylhexyl)phtha...	20.933	149	486518	38.57	ng		100
85) Di-n-octyl phthalate	21.780	149	938736	40.73	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.368	276	1090261	40.13	ng		96
88) Benzo(b)fluoranthene	22.527	252	913890	40.38	ng		99
89) Benzo(k)fluoranthene	22.568	252	831364	38.33	ng		98
90) Benzo(a)pyrene	23.080	252	838724	39.30	ng		98
91) Dibenzo(a,h)anthracene	25.368	278	905093	40.38	ng	#	97
92) Benzo(g,h,i)perylene	26.033	276	893724	39.94	ng		97

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

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