Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
Data File : BP003640.D
Acq On : 16 Oct 2020 13:56
Operator : CG/JU
Sample : L4226-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-101320MSD

Quant Time: Oct 16 14:35:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 12:46:19 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.540	152	122391	20.00	ng		0.00
21) Naphthalene-d8	11.387	136	446243	20.00	ng		# 0.00
39) Acenaphthene-d10	15.139	164	294308	20.00	ng		-0.01
64) Phenanthrene-d10	17.851	188	635814	20.00	ng		-0.01
76) Chrysene-d12	21.863	240	547434	20.00	ng		#-0.02
86) Perylene-d12	24.427	264	440442	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.034	112	895703	125.81	ng		0.00
7) Phenol-d6	7.687	99	1053909	101.63	ng		0.00
23) Nitrobenzene-d5	9.710	82	1041454	108.20	ng		0.00
42) 2,4,6-Tribromophenol	16.610	330	643770	164.06	ng		0.00
45) 2-Fluorobiphenyl	13.769	172	2222278	99.06	ng		0.00
79) Terphenyl-d14	20.316	244	3201832	105.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.716	88	107624	35.29	ng	#	10
3) Pyridine	4.152	79	298513	33.59	ng	#	91
4) n-Nitrosodimethylamine	4.040	42	160700	42.08	ng	#	59
6) Aniline	7.840	93	271778	22.39	ng	#	86
8) 2-Chlorophenol	8.104	128	355189	49.07	ng	#	80
9) Benzaldehyde	7.634	77	187934	33.97	ng	#	79
10) Phenol	7.716	94	389528	38.90	ng		78
11) bis(2-Chloroethyl)ether	7.922	93	371683	46.23	ng		91
12) 1,3-Dichlorobenzene	8.434	146	406642	43.21	ng	#	90
13) 1,4-Dichlorobenzene	8.575	146	413842	43.83	ng	#	94
14) 1,2-Dichlorobenzene	8.910	146	395101	43.63	ng		95
15) Benzyl Alcohol	8.769	79	407937	48.97	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	9.069	45	354501	43.06	ng		99
17) 2-Methylphenol	8.987	107	312767	46.09	ng	#	87
18) Hexachloroethane	9.669	117	161403	43.98	ng		95
19) n-Nitroso-di-n-propyla...	9.346	70	319924	46.28	ng	#	85
20) 3+4-Methylphenols	9.316	107	420351	46.53	ng		91
22) Acetophenone	9.363	105	619566	47.03	ng	#	88
24) Nitrobenzene	9.751	77	484115	51.09	ng	#	75
25) Isophorone	10.281	82	878033	48.89	ng	#	89
26) 2-Nitrophenol	10.481	139	197862	69.05	ng	#	61
27) 2,4-Dimethylphenol	10.534	122	326893	55.23	ng	#	83
28) bis(2-Chloroethoxy)met...	10.746	93	495868	44.91	ng		97
29) 2,4-Dichlorophenol	11.028	162	386013	52.25	ng		93
30) 1,2,4-Trichlorobenzene	11.251	180	432486	44.14	ng		98
31) Naphthalene	11.440	128	1114468	46.58	ng		99
32) Benzoic acid	10.681	122	186777	56.98	ng	#	64
33) 4-Chloroaniline	11.516	127	93877	9.09	ng	#	85
34) Hexachlorobutadiene	11.745	225	312959	43.08	ng		98
35) Caprolactam	12.245	113	78847	33.68	ng	#	58
36) 4-Chloro-3-methylphenol	12.622	107	431754	51.20	ng	#	83
37) 2-Methylnaphthalene	13.004	142	835531	46.94	ng	#	94
38) 1-Methylnaphthalene	13.222	142	773825	46.25	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.375	216	554814	49.72	ng		98
41) Hexachlorocyclopentadiene	13.369	237	673721	108.34	ng		99
43) 2,4,6-Trichlorophenol	13.592	196	343116	55.45	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	363475	55.93	ng	#	94
46) 1,1'-Biphenyl	13.975	154	1102748	48.49	ng		98
47) 2-Chloronaphthalene	14.028	162	869476	45.92	ng		99
48) 2-Nitroaniline	14.198	65	269181	49.82	ng	#	58
49) Acenaphthylene	14.863	152	1300072	47.14	ng		100
50) Dimethylphthalate	14.563	163	1200556	49.68	ng		99
51) 2,6-Dinitrotoluene	14.675	165	247116	56.78	ng	#	63
52) Acenaphthene	15.204	154	964805	53.70	ng		84
53) 3-Nitroaniline	15.004	138	96227	21.93	ng	#	62
54) 2,4-Dinitrophenol	15.210	184	252614	101.37	ng	#	1
55) Dibenzofuran	15.528	168	1330770	47.66	ng		97
56) 4-Nitrophenol	15.310	139	302473	96.00	ng	#	36
57) 2,4-Dinitrotoluene	15.457	165	331887	52.01	ng	#	64
58) Fluorene	16.169	166	1081735	47.88	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.757	232	332590	55.65	ng		94
60) Diethylphthalate	15.904	149	1109931	46.73	ng		98
61) 4-Chlorophenyl-phenyle...	16.145	204	632266	47.24	ng		97
62) 4-Nitroaniline	16.157	138	206840	42.37	ng	#	54
63) Azobenzene	16.433	77	1059572	46.36	ng		84
65) 4,6-Dinitro-2-methylph...	16.228	198	181494	63.30	ng		90
66) n-Nitrosodiphenylamine	16.351	169	926497	48.79	ng		98
67) 4-Bromophenyl-phenylether	17.033	248	407995	48.88	ng		97
68) Hexachlorobenzene	17.198	284	455812	47.82	ng		96
69) Atrazine	17.275	200	308207	41.64	ng		97
70) Pentachlorophenol	17.522	266	531134	122.49	ng		100
71) Phenanthrene	17.892	178	1668031	47.22	ng		99
72) Anthracene	17.980	178	1679013	48.73	ng		99
73) Carbazole	18.227	167	1429150	45.93	ng		100
74) Di-n-butylphthalate	18.727	149	1807592	47.69	ng	#	98
75) Fluoranthene	19.804	202	1959600	44.81	ng		98
77) Benzidine	19.939	184	189633	14.78	ng		99
78) Pyrene	20.151	202	1948091	53.54	ng		99
80) Butylbenzylphthalate	20.951	149	713735	56.16	ng	#	78
81) Benzo(a)anthracene	21.845	228	1731210	47.03	ng		99
82) 3,3'-Dichlorobenzidine	21.745	252	330463	25.39	ng	#	98
83) Chrysene	21.898	228	1651677	47.43	ng		99
84) Bis(2-ethylhexyl)phtha...	21.704	149	1021972	52.99	ng		98
85) Di-n-octyl phthalate	22.663	149	1599517	51.37	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.115	276	1540420	46.09	ng	#	91
88) Benzo(b)fluoranthene	23.645	252	1547664	50.57	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	1459270	50.78	ng	#	96
90) Benzo(a)pyrene	24.315	252	1276847	46.32	ng	#	96
91) Dibenzo(a,h)anthracene	27.115	278	1312155	47.07	ng	#	94
92) Benzo(g,h,i)perylene	27.951	276	1260827	47.91	ng	#	90

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

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