Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
Data File : BP003650.D
Acq On : 16 Oct 2020 19:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 17 01:03:31 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	112342	20.00	ng		0.00
21) Naphthalene-d8	11.387	136	428101	20.00	ng	#	0.00
39) Acenaphthene-d10	15.140	164	314496	20.00	ng		0.00
64) Phenanthrene-d10	17.851	188	756457	20.00	ng		0.00
76) Chrysene-d12	21.857	240	818097	20.00	ng	#	0.00
86) Perylene-d12	24.427	264	799829	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.034	112	497272	76.10	ng		0.00
7) Phenol-d6	7.687	99	755550	79.38	ng		0.00
23) Nitrobenzene-d5	9.710	82	765448	82.90	ng		0.00
42) 2,4,6-Tribromophenol	16.610	330	475180	113.33	ng		0.00
45) 2-Fluorobiphenyl	13.769	172	1816741	75.79	ng		0.00
79) Terphenyl-d14	20.316	244	3584472	79.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	92535	33.05	ng	#	87
3) Pyridine	4.134	79	290375	35.60	ng	#	89
4) n-Nitrosodimethylamine	4.028	42	125386	35.77	ng	#	54
6) Aniline	7.834	93	426102	38.25	ng	#	87
8) 2-Chlorophenol	8.105	128	264642	39.83	ng		81
9) Benzaldehyde	7.634	77	189230	37.75	ng	#	77
10) Phenol	7.716	94	358987	39.05	ng		79
11) bis(2-Chloroethyl)ether	7.922	93	272023	36.86	ng		91
12) 1,3-Dichlorobenzene	8.434	146	325769	37.72	ng	#	92
13) 1,4-Dichlorobenzene	8.575	146	329137	37.98	ng	#	94
14) 1,2-Dichlorobenzene	8.916	146	317366	38.18	ng		95
15) Benzyl Alcohol	8.769	79	301902	39.49	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	9.069	45	266622	35.29	ng		100
17) 2-Methylphenol	8.993	107	248870	39.96	ng	#	89
18) Hexachloroethane	9.669	117	126498	37.55	ng		89
19) n-Nitroso-di-n-propyla...	9.346	70	241971	38.13	ng	#	88
20) 3+4-Methylphenols	9.316	107	341418	41.18	ng		92
22) Acetophenone	9.363	105	470930	37.26	ng	#	89
24) Nitrobenzene	9.752	77	366687	40.34	ng	#	77
25) Isophorone	10.275	82	649248	37.68	ng	#	89
26) 2-Nitrophenol	10.481	139	152031	55.30	ng	#	62
27) 2,4-Dimethylphenol	10.534	122	227540	40.07	ng	#	85
28) bis(2-Chloroethoxy)met...	10.746	93	395316	37.32	ng		97
29) 2,4-Dichlorophenol	11.034	162	311047	43.89	ng		97
30) 1,2,4-Trichlorobenzene	11.252	180	374108	39.80	ng		98
31) Naphthalene	11.440	128	881372	38.40	ng		100
32) Benzoic acid	10.675	122	184569	58.50	ng	#	69
33) 4-Chloroaniline	11.522	127	389938	39.35	ng	#	87
34) Hexachlorobutadiene	11.746	225	280484	40.25	ng		96
35) Caprolactam	12.251	113	102593	45.68	ng	#	63
36) 4-Chloro-3-methylphenol	12.622	107	348825	43.12	ng		84
37) 2-Methylnaphthalene	13.004	142	668605	39.15	ng	#	95
38) 1-Methylnaphthalene	13.216	142	639236	39.82	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.375	216	465737	39.06	ng		99
41) Hexachlorocyclopentadiene	13.369	237	241623	36.36	ng		99
43) 2,4,6-Trichlorophenol	13.593	196	307703	46.54	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	320684	46.18	ng		96
46) 1,1'-Biphenyl	13.975	154	909856	37.44	ng		99
47) 2-Chloronaphthalene	14.028	162	769967	38.06	ng		99
48) 2-Nitroaniline	14.198	65	243108	42.75	ng	#	59
49) Acenaphthylene	14.863	152	1130792	38.37	ng		99
50) Dimethylphthalate	14.563	163	1017473	39.40	ng		99
51) 2,6-Dinitrotoluene	14.675	165	216334	46.51	ng	#	68
52) Acenaphthene	15.204	154	745145	38.81	ng		92
53) 3-Nitroaniline	15.004	138	216380	46.15	ng	#	66
54) 2,4-Dinitrophenol	15.204	184	82873	44.27	ng	#	1
55) Dibenzofuran	15.528	168	1156072	38.74	ng		98
56) 4-Nitrophenol	15.310	139	169032	50.20	ng	#	46
57) 2,4-Dinitrotoluene	15.457	165	304723	45.19	ng	#	71
58) Fluorene	16.169	166	947118	39.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.757	232	323912	50.72	ng		90
60) Diethylphthalate	15.904	149	999499	39.38	ng		98
61) 4-Chlorophenyl-phenyle...	16.145	204	581757	40.67	ng		93
62) 4-Nitroaniline	16.157	138	241431	46.28	ng	#	58
63) Azobenzene	16.434	77	893095	36.57	ng		86
65) 4,6-Dinitro-2-methylph...	16.228	198	137565	43.00	ng		92
66) n-Nitrosodiphenylamine	16.351	169	839452	37.16	ng		99
67) 4-Bromophenyl-phenylether	17.034	248	394260	39.70	ng		95
68) Hexachlorobenzene	17.198	284	466728	41.16	ng		92
69) Atrazine	17.275	200	350997	39.86	ng		95
70) Pentachlorophenol	17.516	266	258130	50.03	ng		96
71) Phenanthrene	17.892	178	1587669	37.78	ng		99
72) Anthracene	17.981	178	1551178	37.84	ng		100
73) Carbazole	18.228	167	1403562	37.92	ng		99
74) Di-n-butylphthalate	18.728	149	1715140	38.04	ng	#	98
75) Fluoranthene	19.804	202	2026278	38.95	ng		98
77) Benzidine	19.939	184	478995	24.98	ng		99
78) Pyrene	20.151	202	2047767	37.66	ng		99
80) Butylbenzylphthalate	20.951	149	781968	41.17	ng	#	82
81) Benzo(a)anthracene	21.839	228	2099038	38.15	ng		98
82) 3,3'-Dichlorobenzidine	21.745	252	753024	38.72	ng	#	98
83) Chrysene	21.898	228	1976101	37.97	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	1091523	37.87	ng		99
85) Di-n-octyl phthalate	22.663	149	1843892	39.62	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.115	276	2212342	36.45	ng	#	90
88) Benzo(b)fluoranthene	23.645	252	2153482	38.75	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	2018362	38.68	ng	#	96
90) Benzo(a)pyrene	24.316	252	1921757	38.39	ng	#	96
91) Dibenzo(a,h)anthracene	27.115	278	1848379	36.51	ng	#	93
92) Benzo(g,h,i)perylene	27.951	276	1697575	35.52	ng	#	90

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

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