Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092420\
Data File : BP003372.D
Acq On : 24 Sep 2020 16:52
Operator : CG/JU
Sample : L4112-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : KTS-SB-0102-0-92MSD

Quant Time: Sep 24 18:31:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.564	152	115594	20.00	ng		0.00
21) Naphthalene-d8	10.340	136	501703	20.00	ng		# 0.00
39) Acenaphthene-d10	14.216	164	337264	20.00	ng		0.00
64) Phenanthrene-d10	16.969	188	756307	20.00	ng		# 0.00
76) Chrysene-d12	21.069	240	789383	20.00	ng		0.00
86) Perylene-d12	23.263	264	908929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	955442	144.33	ng		0.00
7) Phenol-d6	6.769	99	1271498	144.10	ng		0.00
23) Nitrobenzene-d5	8.716	82	803232	94.06	ng		0.00
42) 2,4,6-Tribromophenol	15.716	330	562714	109.39	ng		0.00
45) 2-Fluorobiphenyl	12.834	172	1816146	78.76	ng		0.00
79) Terphenyl-d14	19.551	244	2652980	70.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.081	88	98524	36.22	ng		99
3) Pyridine	3.470	79	284116	39.22	ng		92
4) n-Nitrosodimethylamine	3.387	42	95874	44.25	ng		99
6) Aniline	6.893	93	304427	30.04	ng		95
8) 2-Chlorophenol	7.140	128	361650	49.05	ng		93
9) Benzaldehyde	6.705	77	105161	21.37	ng		88
10) Phenol	6.793	94	467691	55.49	ng		93
11) bis(2-Chloroethyl)ether	6.993	93	319644	47.86	ng		96
12) 1,3-Dichlorobenzene	7.452	146	355041	40.28	ng	#	95
13) 1,4-Dichlorobenzene	7.599	146	362525	40.65	ng		97
14) 1,2-Dichlorobenzene	7.911	146	350120	40.91	ng		96
15) Benzyl Alcohol	7.811	79	320932	54.73	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.105	45	241907	49.81	ng		92
17) 2-Methylphenol	8.028	107	318282	52.23	ng		96
18) Hexachloroethane	8.634	117	133968	40.32	ng		95
19) n-Nitroso-di-n-propyla...	8.369	70	235087	49.73	ng	#	94
20) 3+4-Methylphenols	8.358	107	431005	53.14	ng		93
22) Acetophenone	8.381	105	512948	41.63	ng	#	95
24) Nitrobenzene	8.758	77	379955	44.46	ng		87
25) Isophorone	9.281	82	723137	46.20	ng	#	92
26) 2-Nitrophenol	9.463	139	202734	43.44	ng	#	82
27) 2,4-Dimethylphenol	9.546	122	352946	53.48	ng		92
28) bis(2-Chloroethoxy)met...	9.763	93	452866	43.47	ng		98
29) 2,4-Dichlorophenol	10.010	162	361693	43.86	ng		95
30) 1,2,4-Trichlorobenzene	10.210	180	352096	35.98	ng		98
31) Naphthalene	10.393	128	1087242	41.02	ng		100
32) Benzoic acid	9.752	122	200834	43.57	ng		86
33) 4-Chloroaniline	10.510	127	205921	18.29	ng	#	95
34) Hexachlorobutadiene	10.687	225	215446	32.26	ng		100
35) Caprolactam	11.287	113	135310	49.16	ng		92
36) 4-Chloro-3-methylphenol	11.663	107	422035	47.46	ng		89
37) 2-Methylnaphthalene	12.016	142	806008	41.98	ng		97
38) 1-Methylnaphthalene	12.234	142	756183	41.48	ng		99
40) 1,2,4,5-Tetrachloroben...	12.399	216	415694	37.65	ng		98
41) Hexachlorocyclopentadiene	12.375	237	224275	63.45	ng		98
43) 2,4,6-Trichlorophenol	12.646	196	292711	41.00	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	311139	42.37	ng	#	95
46) 1,1'-Biphenyl	13.046	154	1034146	41.11	ng		98
47) 2-Chloronaphthalene	13.081	162	800994	38.45	ng		97
48) 2-Nitroaniline	13.293	65	236847	44.93	ng	#	78
49) Acenaphthylene	13.934	152	1314293	41.30	ng		100
50) Dimethylphthalate	13.687	163	1267801	47.08	ng		100
51) 2,6-Dinitrotoluene	13.798	165	244232	42.31	ng	#	78
52) Acenaphthene	14.281	154	771674	39.84	ng		99
53) 3-Nitroaniline	14.128	138	138959	22.21	ng	#	78
54) 2,4-Dinitrophenol	14.357	184	211766	77.75	ng	#	89
55) Dibenzofuran	14.616	168	1241294	40.15	ng		96
56) 4-Nitrophenol	14.481	139	381276	99.73	ng	#	75
57) 2,4-Dinitrotoluene	14.598	165	336489	42.03	ng	#	77
58) Fluorene	15.269	166	986109	40.39	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.863	232	274013	39.68	ng		98
60) Diethylphthalate	15.057	149	1098989	40.01	ng		100
61) 4-Chlorophenyl-phenyle...	15.269	204	499115	37.45	ng		98
62) 4-Nitroaniline	15.298	138	246061	37.06	ng		79
63) Azobenzene	15.563	77	955092	45.61	ng		92
65) 4,6-Dinitro-2-methylph...	15.375	198	172924	43.33	ng		92
66) n-Nitrosodiphenylamine	15.487	169	908582	40.90	ng		99
67) 4-Bromophenyl-phenylether	16.163	248	336072	36.76	ng		94
68) Hexachlorobenzene	16.287	284	381296	35.11	ng		93
69) Atrazine	16.445	200	266485	30.58	ng		99
70) Pentachlorophenol	16.640	266	380700	81.52	ng		99
71) Phenanthrene	17.010	178	1675488	40.72	ng		99
72) Anthracene	17.104	178	1699855	41.92	ng		100
73) Carbazole	17.375	167	1599554	41.53	ng		99
74) Di-n-butylphthalate	17.945	149	1929751	39.19	ng	#	98
75) Fluoranthene	18.998	202	2084390	40.29	ng		99
77) Benzidine	19.175	184	939674	38.39	ng		100
78) Pyrene	19.345	202	2129216	43.25	ng		100
80) Butylbenzylphthalate	20.228	149	928742	41.24	ng	#	88
81) Benzo(a)anthracene	21.057	228	2103035	41.21	ng		100
82) 3,3'-Dichlorobenzidine	20.986	252	555975	28.19	ng		99
83) Chrysene	21.104	228	2019792	41.20	ng		100
84) Bis(2-ethylhexyl)phtha...	20.992	149	1315514	41.49	ng		99
85) Di-n-octyl phthalate	21.851	149	2430930	41.96	ng		98
87) Indeno(1,2,3-cd)pyrene	25.498	276	2755014	39.99	ng		98
88) Benzo(b)fluoranthene	22.610	252	2423525	42.22	ng		99
89) Benzo(k)fluoranthene	22.651	252	2252614	40.95	ng		99
90) Benzo(a)pyrene	23.169	252	2204711	40.74	ng		99
91) Dibenzo(a,h)anthracene	25.510	278	2274957	40.02	ng		98
92) Benzo(g,h,i)perylene	26.180	276	2282999	40.22	ng		98

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

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