Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091520\
Data File : BP003294.D
Acq On : 15 Sep 2020 18:08
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP091520

Quant Time: Sep 15 18:42:05 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 15 18:35:36 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	90870	20.00	ng		0.00
21) Naphthalene-d8	10.405	136	346632	20.00	ng		0.00
39) Acenaphthene-d10	14.269	164	223427	20.00	ng		0.00
64) Phenanthrene-d10	17.022	188	500380	20.00	ng		0.00
76) Chrysene-d12	21.122	240	567635	20.00	ng		0.00
86) Perylene-d12	23.345	264	627408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	393761	75.66	ng		0.00
7) Phenol-d6	6.816	99	521754	75.22	ng		0.00
23) Nitrobenzene-d5	8.775	82	447204	75.79	ng		0.00
42) 2,4,6-Tribromophenol	15.769	330	262390	77.00	ng		0.00
45) 2-Fluorobiphenyl	12.887	172	1133151	74.18	ng		0.00
79) Terphenyl-d14	19.604	244	1998359	73.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	80193	37.50	ng		97
3) Pyridine	3.546	79	216905	38.09	ng		94
4) n-Nitrosodimethylamine	3.464	42	66137	38.83	ng	#	87
6) Aniline	6.952	93	299862	37.65	ng		95
8) 2-Chlorophenol	7.199	128	215583	37.19	ng		94
9) Benzaldehyde	6.769	77	144310	37.31	ng		92
10) Phenol	6.846	94	251047	37.89	ng		91
11) bis(2-Chloroethyl)ether	7.058	93	198215	37.75	ng		99
12) 1,3-Dichlorobenzene	7.516	146	263338	38.00	ng	#	96
13) 1,4-Dichlorobenzene	7.658	146	264019	37.66	ng		96
14) 1,2-Dichlorobenzene	7.975	146	251100	37.32	ng		97
15) Benzyl Alcohol	7.869	79	179656	38.97	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.158	45	142409	37.30	ng		89
17) 2-Methylphenol	8.081	107	178932	37.35	ng		97
18) Hexachloroethane	8.693	117	98528	37.72	ng		99
19) n-Nitroso-di-n-propyla...	8.428	70	137125	36.90	ng		96
20) 3+4-Methylphenols	8.410	107	239460	37.56	ng		96
22) Acetophenone	8.440	105	320109	37.60	ng	#	96
24) Nitrobenzene	8.816	77	227076	38.46	ng		91
25) Isophorone	9.340	82	408363	37.76	ng		94
26) 2-Nitrophenol	9.522	139	125640	38.96	ng	#	85
27) 2,4-Dimethylphenol	9.605	122	172191	37.76	ng		93
28) bis(2-Chloroethoxy)met...	9.822	93	271427	37.71	ng		98
29) 2,4-Dichlorophenol	10.069	162	218649	38.37	ng		95
30) 1,2,4-Trichlorobenzene	10.275	180	252585	37.36	ng		99
31) Naphthalene	10.452	128	688424	37.60	ng		100
32) Benzoic acid	9.769	122	108353	36.03	ng		84
33) 4-Chloroaniline	10.569	127	296272	38.09	ng		96
34) Hexachlorobutadiene	10.752	225	171653	37.20	ng		98
35) Caprolactam	11.334	113	72731	38.25	ng		94
36) 4-Chloro-3-methylphenol	11.722	107	231245	37.64	ng		92
37) 2-Methylnaphthalene	12.075	142	491912	37.08	ng		96
38) 1-Methylnaphthalene	12.299	142	471227	37.42	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	275367	37.64	ng		100
41) Hexachlorocyclopentadiene	12.440	237	77180	40.83	ng		97
43) 2,4,6-Trichlorophenol	12.704	196	183757	38.85	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.787	196	187705	38.58	ng		96
46) 1,1'-Biphenyl	13.098	154	629843	37.80	ng		99
47) 2-Chloronaphthalene	13.140	162	520422	37.71	ng		98
48) 2-Nitroaniline	13.346	65	138428	39.64	ng	#	79
49) Acenaphthylene	13.993	152	802128	38.04	ng		99
50) Dimethylphthalate	13.734	163	678318	38.02	ng		100
51) 2,6-Dinitrotoluene	13.851	165	146810	38.39	ng	#	86
52) Acenaphthene	14.334	154	487598	38.00	ng		99
53) 3-Nitroaniline	14.181	138	162248	39.15	ng	#	84
54) 2,4-Dinitrophenol	14.404	184	63019	38.92	ng	#	91
55) Dibenzofuran	14.675	168	770467	37.62	ng		97
56) 4-Nitrophenol	14.528	139	102062	40.30	ng		80
57) 2,4-Dinitrotoluene	14.651	165	208022	39.22	ng	#	85
58) Fluorene	15.328	166	598091	36.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.910	232	173658	37.96	ng		100
60) Diethylphthalate	15.104	149	688517	37.83	ng		99
61) 4-Chlorophenyl-phenyle...	15.322	204	325196	36.83	ng		99
62) 4-Nitroaniline	15.351	138	176006	40.02	ng		80
63) Azobenzene	15.616	77	534465	38.53	ng		94
65) 4,6-Dinitro-2-methylph...	15.422	198	106647	40.39	ng		100
66) n-Nitrosodiphenylamine	15.540	169	555974	37.83	ng		99
67) 4-Bromophenyl-phenylether	16.216	248	230528	38.12	ng		97
68) Hexachlorobenzene	16.339	284	272006	37.86	ng		96
69) Atrazine	16.498	200	219644	38.10	ng		100
70) Pentachlorophenol	16.692	266	106989	38.52	ng		99
71) Phenanthrene	17.069	178	1031720	37.90	ng		99
72) Anthracene	17.157	178	1023502	38.15	ng		99
73) Carbazole	17.434	167	968130	37.99	ng		99
74) Di-n-butylphthalate	17.998	149	1240761	38.08	ng	#	99
75) Fluoranthene	19.051	202	1301800	38.03	ng		99
77) Benzidine	19.228	184	682985	38.80	ng		100
78) Pyrene	19.404	202	1341545	37.90	ng		99
80) Butylbenzylphthalate	20.280	149	620592	38.32	ng		93
81) Benzo(a)anthracene	21.110	228	1381872	37.66	ng		99
82) 3,3'-Dichlorobenzidine	21.045	252	529295	37.32	ng		99
83) Chrysene	21.163	228	1327996	37.67	ng		99
84) Bis(2-ethylhexyl)phtha...	21.045	149	842933	36.97	ng		99
85) Di-n-octyl phthalate	21.916	149	1589681	38.15	ng		99
87) Indeno(1,2,3-cd)pyrene	25.615	276	1786155	37.56	ng		97
88) Benzo(b)fluoranthene	22.680	252	1549526	39.11	ng		99
89) Benzo(k)fluoranthene	22.721	252	1405061	37.00	ng		99
90) Benzo(a)pyrene	23.251	252	1415716	37.89	ng		99
91) Dibenzo(a,h)anthracene	25.627	278	1472591	37.53	ng		97
92) Benzo(g,h,i)perylene	26.304	276	1466248	37.43	ng		98

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

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