Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
Data File : BP005173.D
Acq On : 05 Apr 2021 11:59
Operator : CG/JU
Sample : M1836-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B1-10-12MS

Manual Integrations APPROVED
mohammad
4/6/2021 3:22:57 PM

Quant Time: Apr 05 12:55:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	23052	20.00	ng		0.00
21) Naphthalene-d8	10.493	136	84224	20.00	ng	#	0.00
39) Acenaphthene-d10	14.363	164	46028	20.00	ng		0.00
64) Phenanthrene-d10	17.122	188	92414	20.00	ng	#	0.00
76) Chrysene-d12	21.222	240	92579	20.00	ng		0.00
86) Perylene-d12	23.504	264	104514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	166389	111.08	ng		0.00
7) Phenol-d6	6.887	99	212947	99.25	ng		0.00
23) Nitrobenzene-d5	8.863	82	131464	66.97	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	58582	97.68	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	232335	68.28	ng		0.00
79) Terphenyl-d14	19.698	244	273982	53.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	27528	42.20	ng		97
3) Pyridine	3.634	79	70277	43.33	ng		96
4) n-Nitrosodimethylamine	3.546	42	25422	43.84	ng	#	86
6) Aniline	7.040	93	47392	19.49	ng	#	87
8) 2-Chlorophenol	7.269	128	63349	40.10	ng		82
9) Benzaldehyde	6.852	77	49631	45.42	ng	#	83
10) Phenol	6.911	94	93125	42.35	ng		86
11) bis(2-Chloroethyl)ether	7.134	93	64465	40.04	ng		95
12) 1,3-Dichlorobenzene	7.593	146	70336	40.07	ng	#	89
13) 1,4-Dichlorobenzene	7.740	146	69888m	39.22	ng		
14) 1,2-Dichlorobenzene	8.052	146	67305	39.37	ng	#	93
15) Benzyl Alcohol	7.952	79	62986	38.05	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.240	45	50991	43.18	ng		98
17) 2-Methylphenol	8.152	107	54754	39.02	ng	#	89
18) Hexachloroethane	8.775	117	28626	42.15	ng		93
19) n-Nitroso-di-n-propyla...	8.511	70	50247	36.10	ng	#	93
20) 3+4-Methylphenols	8.481	107	72890	38.04	ng		95
22) Acetophenone	8.528	105	102694	42.41	ng	#	95
24) Nitrobenzene	8.905	77	76091	36.78	ng	#	76
25) Isophorone	9.428	82	134958	37.25	ng	#	88
26) 2-Nitrophenol	9.610	139	32829	40.92	ng	#	70
27) 2,4-Dimethylphenol	9.681	122	56504	43.80	ng		92
28) bis(2-Chloroethoxy)met...	9.910	93	78489	42.80	ng		96
29) 2,4-Dichlorophenol	10.146	162	53129	36.80	ng		91
30) 1,2,4-Trichlorobenzene	10.357	180	61341	37.83	ng		97
31) Naphthalene	10.546	128	228578	48.04	ng		99
32) Benzoic acid	9.828	122	39996	41.76	ng	#	73
33) 4-Chloroaniline	10.657	127	11390	5.92	ng	#	91
34) Hexachlorobutadiene	10.822	225	37532	35.97	ng		97
35) Caprolactam	11.457	113	18868	39.83	ng		83
36) 4-Chloro-3-methylphenol	11.799	107	61927	35.51	ng		88
37) 2-Methylnaphthalene	12.163	142	132569	38.59	ng	#	96
38) 1-Methylnaphthalene	12.387	142	116986	36.33	ng		98
40) 1,2,4,5-Tetrachloroben...	12.540	216	65148	43.46	ng	#	97
41) Hexachlorocyclopentadiene	12.510	237	75717	92.87	ng		97
43) 2,4,6-Trichlorophenol	12.787	196	42615	41.13	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	45624	40.66	ng	#	94
46) 1,1'-Biphenyl	13.187	154	152133	43.33	ng		97
47) 2-Chloronaphthalene	13.228	162	117525	41.12	ng		96
48) 2-Nitroaniline	13.440	65	39964	43.89	ng	#	56
49) Acenaphthylene	14.081	152	191199	43.02	ng		98
50) Dimethylphthalate	13.822	163	146990	41.46	ng		99
51) 2,6-Dinitrotoluene	13.946	165	31720	37.96	ng	#	68
52) Acenaphthene	14.422	154	112903	41.28	ng		98
53) 3-Nitroaniline	14.275	138	12498	16.25	ng	#	70
54) 2,4-Dinitrophenol	14.487	184	40604	80.25	ng	#	79
55) Dibenzofuran	14.763	168	171162	38.19	ng		99
56) 4-Nitrophenol	14.598	139	54394	86.23	ng	#	60
57) 2,4-Dinitrotoluene	14.740	165	43487	39.41	ng	#	66
58) Fluorene	15.416	166	138193	38.18	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.993	232	37792	36.51	ng		99
60) Diethylphthalate	15.193	149	131422	37.90	ng		100
61) 4-Chlorophenyl-phenyle...	15.416	204	72843	37.92	ng		96
62) 4-Nitroaniline	15.445	138	29346	37.14	ng	#	63
63) Azobenzene	15.704	77	147128	37.12	ng		87
65) 4,6-Dinitro-2-methylph...	15.504	198	24387	36.16	ng		88
66) n-Nitrosodiphenylamine	15.634	169	120388	40.52	ng		95
67) 4-Bromophenyl-phenylether	16.310	248	42055	39.28	ng		98
68) Hexachlorobenzene	16.422	284	45231	37.56	ng		91
69) Atrazine	16.592	200	43352	43.94	ng		96
70) Pentachlorophenol	16.775	266	60674	76.32	ng		100
71) Phenanthrene	17.163	178	206591	38.56	ng		99
72) Anthracene	17.257	178	212347	40.57	ng		99
73) Carbazole	17.534	167	187031	38.03	ng		98
74) Di-n-butylphthalate	18.086	149	223047	41.22	ng	#	97
75) Fluoranthene	19.145	202	231504	36.73	ng		98
77) Benzidine	19.328	184	46196	22.74	ng		98
78) Pyrene	19.498	202	242270	38.08	ng		98
80) Butylbenzylphthalate	20.375	149	98990	41.93	ng	#	74
81) Benzo(a)anthracene	21.204	228	245968	39.11	ng		98
82) 3,3'-Dichlorobenzidine	21.145	252	60022	28.40	ng		96
83) Chrysene	21.257	228	233464	37.82	ng		98
84) Bis(2-ethylhexyl)phtha...	21.133	149	147122	42.51	ng		96
85) Di-n-octyl phthalate	22.016	149	264903	45.40	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.857	276	340210	43.42	ng		99
88) Benzo(b)fluoranthene	22.816	252	265884	35.82	ng		99
89) Benzo(k)fluoranthene	22.863	252	242171	34.05	ng		97
90) Benzo(a)pyrene	23.410	252	239565	36.00	ng		98
91) Dibenzo(a,h)anthracene	25.874	278	286850	42.33	ng		98
92) Benzo(g,h,i)perylene	26.574	276	285616	43.68	ng		98

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

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