Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005500.D
Acq On : 11 May 2021 21:22
Operator : CG/JU
Sample : M2335-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-050721MSD

Manual Integrations APPROVED
mohammad
5/12/2021 2:05:07 PM

Quant Time: May 12 05:29:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	22436	20.00	ng		0.00
21) Naphthalene-d8	10.487	136	64617	20.00	ng	#	0.00
39) Acenaphthene-d10	14.339	164	44203	20.00	ng		0.00
64) Phenanthrene-d10	17.098	188	99083	20.00	ng	#	0.00
76) Chrysene-d12	21.192	240	137453	20.00	ng	#	0.00
86) Perylene-d12	23.504	264	161325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	49067	41.97	ng		0.00
7) Phenol-d6	6.893	99	50567	34.69	ng		0.00
23) Nitrobenzene-d5	8.863	82	41451	25.25	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	34390	27.42	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	93148	23.77	ng		0.00
79) Terphenyl-d14	19.663	244	164607	20.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	8055	14.99	ng	#	95
3) Pyridine	3.605	79	14783	14.28	ng	#	82
4) n-Nitrosodimethylamine	3.511	42	12781	15.35	ng	#	11
6) Aniline	7.034	93	13508	8.59	ng	#	92
8) 2-Chlorophenol	7.269	128	14665	11.68	ng		99
9) Benzaldehyde	6.852	77	13824	16.42	ng	#	72
10) Phenol	6.922	94	18670	12.80	ng	#	47
11) bis(2-Chloroethyl)ether	7.134	93	12438	12.35	ng		92
12) 1,3-Dichlorobenzene	7.581	146	18809	11.26	ng	#	84
13) 1,4-Dichlorobenzene	7.734	146	19760	11.87	ng		94
14) 1,2-Dichlorobenzene	8.046	146	18913	11.85	ng		92
15) Benzyl Alcohol	7.957	79	15789	11.23	ng	#	75
16) 2,2'-oxybis(1-Chloropr...	8.234	45	5730	11.52	ng		68
17) 2-Methylphenol	8.163	107	11540	11.52	ng	#	80
18) Hexachloroethane	8.763	117	5310	7.70	ng		87
19) n-Nitroso-di-n-propyla...	8.510	70	11654	10.92	ng		98
20) 3+4-Methylphenols	8.499	107	15402	11.57	ng		86
22) Acetophenone	8.528	105	22171	12.16	ng	#	78
24) Nitrobenzene	8.904	77	18559	11.27	ng		89
25) Isophorone	9.428	82	27511	10.82	ng	#	97
26) 2-Nitrophenol	9.616	139	6452	9.36	ng	#	48
27) 2,4-Dimethylphenol	9.693	122	11914	13.05	ng	#	81
28) bis(2-Chloroethoxy)met...	9.916	93	13662	12.84	ng		94
29) 2,4-Dichlorophenol	10.163	162	15414	10.75	ng		95
30) 1,2,4-Trichlorobenzene	10.357	180	21024	11.48	ng		94
31) Naphthalene	10.540	128	40339	11.61	ng		96
33) 4-Chloroaniline	10.669	127	9267	6.85	ng	#	92
34) Hexachlorobutadiene	10.810	225	17585	11.52	ng		99
35) Caprolactam	11.469	113	2953	8.95	ng		86
36) 4-Chloro-3-methylphenol	11.816	107	13375	10.47	ng		98
37) 2-Methylnaphthalene	12.157	142	29657	10.64	ng		97
38) 1-Methylnaphthalene	12.381	142	27235	10.35	ng		96
40) 1,2,4,5-Tetrachloroben...	12.528	216	25731	12.67	ng		96
41) Hexachlorocyclopentadiene	12.498	237	567	8.47	ng		91
43) 2,4,6-Trichlorophenol	12.787	196	15497	12.21	ng		95
44) 2,4,5-Trichlorophenol	12.869	196	15747	11.50	ng		92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.175	154	40181	11.81	ng		94
47)	2-Chloronaphthalene	13.216	162	32792	11.57	ng		97
48)	2-Nitroaniline	13.440	65	10528	13.08	ng		88
49)	Acenaphthylene	14.063	152	66852	16.38	ng		96
50)	Dimethylphthalate	13.810	163	44467	11.65	ng		99
51)	2,6-Dinitrotoluene	13.940	165	8203	9.57	ng		97
52)	Acenaphthene	14.404	154	30188	11.89	ng		93
53)	3-Nitroaniline	14.275	138	5351	8.72	ng		92
55)	Dibenzofuran	14.745	168	50922	10.66	ng		99
56)	4-Nitrophenol	14.622	139	8316	17.95	ng	#	71
57)	2,4-Dinitrotoluene	14.739	165	10444	8.27	ng	#	79
58)	Fluorene	15.392	166	43384	11.12	ng		97
59)	2,3,4,6-Tetrachlorophenol	14.981	232	14345	10.48	ng	#	95
60)	Diethylphthalate	15.175	149	38968	10.54	ng		96
61)	4-Chlorophenyl-phenyle...	15.392	204	26856	11.00	ng		96
62)	4-Nitroaniline	15.439	138	5360	9.09	ng	#	69
63)	Azobenzene	15.686	77	40937	10.75	ng		88
66)	n-Nitrosodiphenylamine	15.610	169	33426	11.56	ng		93
67)	4-Bromophenyl-phenylether	16.286	248	18526	11.98	ng		94
68)	Hexachlorobenzene	16.398	284	21861	11.15	ng		94
69)	Atrazine	16.575	200	16296	12.06	ng		93
70)	Pentachlorophenol	16.757	266	23125	22.22	ng		93
71)	Phenanthrene	17.139	178	120562	21.41	ng		99
72)	Anthracene	17.228	178	95865	17.16	ng		99
73)	Carbazole	17.510	167	56825	11.55	ng		99
74)	Di-n-butylphthalate	18.063	149	58975	10.92	ng		97
75)	Fluoranthene	19.116	202	273073	35.26	ng		96
78)	Pyrene	19.469	202	281321	36.15	ng		97
80)	Butylbenzylphthalate	20.345	149	27751	11.04	ng		88
81)	Benzo(a)anthracene	21.180	228	219080	24.60	ng		95
82)	3,3'-Dichlorobenzidine	21.116	252	23942	7.13	ng	#	97
83)	Chrysene	21.227	228	203398	23.56	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.104	149	44067	11.46	ng	#	96
85)	Di-n-octyl phthalate	21.992	149	77330	11.97	ng	#	89
87)	Indeno(1,2,3-cd)pyrene	25.915	276	251608	18.54	ng	#	96
88)	Benzo(b)fluoranthene	22.804	252	291942	27.16	ng	#	98
89)	Benzo(k)fluoranthene	22.845	252	191072	18.18	ng	#	94
90)	Benzo(a)pyrene	23.404	252	253516m	25.73	ng		
91)	Dibenzo(a,h)anthracene	25.927	278	162353	13.56	ng		94
92)	Benzo(g,h,i)perylene	26.656	276	223119	20.14	ng	#	97

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

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