Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
Data File : BP006774.D
Acq On : 19 Aug 2021 10:56
Operator : CG/JU
Sample : PB138504BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB138504BSD

Manual Integrations APPROVED
mohammad
8/20/2021 2:24:22 PM

Quant Time: Aug 19 15:14:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	154929	20.000	ng		-0.01
21) Naphthalene-d8	10.481	136	648126	20.000	ng		#-0.01
39) Acenaphthene-d10	14.340	164	359208	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	696509	20.000	ng		# 0.00
76) Chrysene-d12	21.210	240	662454	20.000	ng		# 0.00
86) Perylene-d12	23.521	264	689015	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1448170	143.569	ng		0.00
7) Phenol-d6	6.887	99	1802793	125.818	ng		0.00
23) Nitrobenzene-d5	8.857	82	1226929	87.378	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	531675	141.624	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2112347	87.981	ng		0.00
79) Terphenyl-d14	19.686	244	3028317	91.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	164166	37.383	ng		95
3) Pyridine	3.634	79	423066	32.778	ng		98
4) n-Nitrosodimethylamine	3.546	42	199993	41.053	ng	#	80
6) Aniline	7.034	93	714139	45.883	ng		96
8) 2-Chlorophenol	7.263	128	529854	48.548	ng		93
9) Benzaldehyde	6.846	77	395945	45.912	ng		93
10) Phenol	6.911	94	665581	46.325	ng		99
11) bis(2-Chloroethyl)ether	7.134	93	495894	45.455	ng		92
12) 1,3-Dichlorobenzene	7.581	146	525106	46.164	ng		96
13) 1,4-Dichlorobenzene	7.728	146	537720	46.579	ng		97
14) 1,2-Dichlorobenzene	8.040	146	516812	46.655	ng		97
15) Benzyl Alcohol	7.946	79	496798	46.234	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.234	45	551796	42.504	ng		94
17) 2-Methylphenol	8.152	107	437621	48.236	ng		99
18) Hexachloroethane	8.763	117	221245	48.420	ng		91
19) n-Nitroso-di-n-propyla...	8.510	70	410027	42.653	ng		95
20) 3+4-Methylphenols	8.481	107	589775	47.760	ng		98
22) Acetophenone	8.522	105	803958	46.775	ng	#	98
24) Nitrobenzene	8.899	77	640785	43.900	ng		91
25) Isophorone	9.428	82	1070774	42.456	ng		95
26) 2-Nitrophenol	9.605	139	263656	49.634	ng		93
27) 2,4-Dimethylphenol	9.675	122	468715	52.693	ng		97
28) bis(2-Chloroethoxy)met...	9.910	93	650560	48.210	ng		97
29) 2,4-Dichlorophenol	10.134	162	431428	47.905	ng		94
30) 1,2,4-Trichlorobenzene	10.346	180	444678	45.951	ng		96
31) Naphthalene	10.528	128	1559035	44.765	ng		100
32) Benzoic acid	9.840	122	325093	47.242	ng		92
33) 4-Chloroaniline	10.652	127	492463	34.943	ng	#	95
34) Hexachlorobutadiene	10.810	225	263327	46.696	ng		98
35) Caprolactam	11.463	113	155388m	47.851	ng		
36) 4-Chloro-3-methylphenol	11.787	107	539945	47.189	ng		90
37) 2-Methylnaphthalene	12.151	142	1059400	44.891	ng		99
38) 1-Methylnaphthalene	12.369	142	978499	43.631	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	449545	47.816	ng	#	94
41) Hexachlorocyclopentadiene	12.493	237	606722	121.678	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	312851	48.735	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	343878	48.394	ng	#	88
46) 1,1'-Biphenyl	13.175	154	1228543	45.186	ng		97
47) 2-Chloronaphthalene	13.210	162	958242	45.767	ng		93
48) 2-Nitroaniline	13.428	65	357713	48.412	ng	#	83
49) Acenaphthylene	14.063	152	1586810	47.002	ng		99
50) Dimethylphthalate	13.816	163	1228867	46.998	ng		99
51) 2,6-Dinitrotoluene	13.934	165	264644	45.358	ng	#	75
52) Acenaphthene	14.404	154	920422	44.796	ng		97
53) 3-Nitroaniline	14.263	138	250043	38.657	ng		84
54) 2,4-Dinitrophenol	14.475	184	292347	95.816	ng	#	81
55) Dibenzofuran	14.745	168	1428265	44.193	ng		93
56) 4-Nitrophenol	14.587	139	540843	96.296	ng		89
57) 2,4-Dinitrotoluene	14.722	165	377815	48.285	ng	#	75
58) Fluorene	15.398	166	1159292	44.878	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	284228	47.730	ng	#	70
60) Diethylphthalate	15.187	149	1311038	47.738	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	533636	45.616	ng	#	88
62) 4-Nitroaniline	15.434	138	290640m	42.345	ng		
63) Azobenzene	15.692	77	1462539	45.677	ng		93
65) 4,6-Dinitro-2-methylph...	15.487	198	179121	42.089	ng		68
66) n-Nitrosodiphenylamine	15.616	169	1007409	46.016	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	316406	47.345	ng	#	84
68) Hexachlorobenzene	16.398	284	355666	46.767	ng	#	85
69) Atrazine	16.587	200	357609	52.347	ng		96
70) Pentachlorophenol	16.751	266	486788	100.883	ng		100
71) Phenanthrene	17.145	178	1785731	45.453	ng		99
72) Anthracene	17.234	178	1835308	48.345	ng		99
73) Carbazole	17.516	167	1717142	44.346	ng		98
74) Di-n-butylphthalate	18.081	149	2208773	50.067	ng		99
75) Fluoranthene	19.122	202	2014048	45.674	ng		95
77) Benzidine	19.316	184	1488802	89.812	ng		99
78) Pyrene	19.480	202	2079808	47.003	ng		99
80) Butylbenzylphthalate	20.369	149	1003606	51.580	ng		86
81) Benzo(a)anthracene	21.192	228	1958251	45.232	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	597455	52.566	ng	#	97
83) Chrysene	21.245	228	1913354	45.587	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1506416	51.520	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2604821	54.049	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.915	276	2429322	48.624	ng	#	90
88) Benzo(b)fluoranthene	22.821	252	2099658	46.888	ng	#	96
89) Benzo(k)fluoranthene	22.869	252	1975024	45.936	ng	#	97
90) Benzo(a)pyrene	23.421	252	1993433	49.630	ng	#	96
91) Dibenzo(a,h)anthracene	25.933	278	2078640	48.120	ng	#	94
92) Benzo(g,h,i)perylene	26.645	276	2032900	49.111	ng	#	91

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

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