Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005731.D
Acq On : 05 Jun 2021 02:13
Operator : CG/JU
Sample : M2589-05MSD 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)MSD

Manual Integrations APPROVED
mohammad
6/7/2021 12:25:54 PM

Quant Time: Jun 05 03:28:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	158060	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	619249	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	382050	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	786725	20.000	ng		0.00
76) Chrysene-d12	21.427	240	789490	20.000	ng	#	0.00
86) Perylene-d12	23.874	264	919053	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	82179	8.083	ng		0.00
7) Phenol-d6	7.151	99	108459	7.826	ng		0.00
23) Nitrobenzene-d5	9.151	82	64701	5.811	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	30057	6.135	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	173925	6.025	ng		0.00
79) Terphenyl-d14	19.892	244	268513	6.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	17818	3.829	ng		94
3) Pyridine	3.846	79	34398	2.986	ng	#	95
4) n-Nitrosodimethylamine	3.734	42	27582	5.377	ng	#	25
6) Aniline	7.304	93	83672	5.165	ng		93
8) 2-Chlorophenol	7.551	128	84559	7.428	ng		97
9) Benzaldehyde	7.122	77	46815	7.802	ng		97
10) Phenol	7.181	94	101139	7.147	ng		97
11) bis(2-Chloroethyl)ether	7.404	93	70073	6.414	ng		99
12) 1,3-Dichlorobenzene	7.875	146	78798	6.098	ng		99
13) 1,4-Dichlorobenzene	8.022	146	82347	6.288	ng		97
14) 1,2-Dichlorobenzene	8.340	146	79930	6.382	ng		98
15) Benzyl Alcohol	8.228	79	67389	6.779	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.522	45	72393	5.788	ng		89
17) 2-Methylphenol	8.434	107	67237	7.299	ng		97
18) Hexachloroethane	9.069	117	17936	3.860	ng		91
19) n-Nitroso-di-n-propyla...	8.792	70	54714	6.206	ng	#	96
20) 3+4-Methylphenols	8.757	107	91443	7.451	ng		89
22) Acetophenone	8.810	105	115287	6.980	ng	#	97
24) Nitrobenzene	9.192	77	80072	6.474	ng		93
25) Isophorone	9.722	82	150764	6.099	ng		96
26) 2-Nitrophenol	9.910	139	24163	8.823	ng	#	79
27) 2,4-Dimethylphenol	9.969	122	76795	8.093	ng		99
28) bis(2-Chloroethoxy)met...	10.198	93	93835	7.053	ng		99
29) 2,4-Dichlorophenol	10.445	162	79979	7.837	ng		98
30) 1,2,4-Trichlorobenzene	10.663	180	85104	7.041	ng		98
31) Naphthalene	10.845	128	482429	13.082	ng		98
32) Benzoic acid	10.081	122	37344	11.408	ng		97
33) 4-Chloroaniline	10.957	127	73563	4.791	ng	#	90
34) Hexachlorobutadiene	11.128	225	55205	7.312	ng		96
35) Caprolactam	11.733	113	22647	8.103	ng	#	67
36) 4-Chloro-3-methylphenol	12.075	107	77993	7.260	ng		99
37) 2-Methylnaphthalene	12.451	142	237176	9.077	ng	#	86
38) 1-Methylnaphthalene	12.669	142	198020	7.988	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.816	216	103280	8.104	ng		99
43) 2,4,6-Trichlorophenol	13.057	196	65521	8.476	ng		93
44) 2,4,5-Trichlorophenol	13.133	196	68613	8.208	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.451	154	248865	8.022	ng		98
47) 2-Chloronaphthalene	13.492	162	180846	7.172	ng		100
48) 2-Nitroaniline	13.692	65	48065	11.766	ng	#	79
49) Acenaphthylene	14.333	152	321844	8.188	ng		100
50) Dimethylphthalate	14.063	163	218668	7.196	ng		98
51) 2,6-Dinitrotoluene	14.186	165	31552	9.264	ng	#	69
52) Acenaphthene	14.674	154	225328	8.819	ng		96
53) 3-Nitroaniline	14.516	138	52191	10.916	ng	#	75
54) 2,4-Dinitrophenol	14.704	184	141	6.574	ng	#	1
55) Dibenzofuran	15.010	168	370324	9.456	ng		98
56) 4-Nitrophenol	14.833	139	61834	14.142	ng	#	58
57) 2,4-Dinitrotoluene	14.974	165	35654	8.174	ng	#	69
58) Fluorene	15.657	166	333725	10.658	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	62794	8.682	ng	#	89
60) Diethylphthalate	15.422	149	219374	7.195	ng		99
61) 4-Chlorophenyl-phenyle...	15.645	204	114588	7.320	ng		98
62) 4-Nitroaniline	15.669	138	59038	11.473	ng	#	47
63) Azobenzene	15.939	77	179487	5.621	ng		90
65) 4,6-Dinitro-2-methylph...	15.751	198	926m	2.028	ng		
66) n-Nitrosodiphenylamine	15.857	169	190581	7.109	ng	#	93
67) 4-Bromophenyl-phenylether	16.539	248	73481	7.753	ng		96
68) Hexachlorobenzene	16.663	284	87708	7.772	ng	#	92
69) Atrazine	16.810	200	68949	9.000	ng		97
70) Pentachlorophenol	17.010	266	79371	14.024	ng		94
71) Phenanthrene	17.398	178	1286474	26.248	ng		99
72) Anthracene	17.492	178	606561	12.534	ng		100
73) Carbazole	17.757	167	464766	9.758	ng		99
74) Di-n-butylphthalate	18.298	149	391885	7.683	ng	#	92
75) Fluoranthene	19.357	202	1369418	23.275	ng		97
77) Benzidine	19.527	184	216405	14.433	ng		98
78) Pyrene	19.704	202	1209835	21.718	ng		99
80) Butylbenzylphthalate	20.562	149	175965	11.268	ng	#	92
81) Benzo(a)anthracene	21.409	228	850409	14.677	ng		97
82) 3,3'-Dichlorobenzidine	21.333	252	141009	7.535	ng	#	95
83) Chrysene	21.462	228	793295	14.139	ng		97
84) Bis(2-ethylhexyl)phtha...	21.321	149	266868	8.480	ng		97
85) Di-n-octyl phthalate	22.251	149	451027	8.528	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.456	276	806582	10.315	ng	#	94
88) Benzo(b)fluoranthene	23.127	252	953866	14.305	ng	#	97
89) Benzo(k)fluoranthene	23.168	252	617078	9.766	ng	#	92
90) Benzo(a)pyrene	23.762	252	813984	13.418	ng	#	92
91) Dibenzo(a,h)anthracene	26.468	278	555685	8.189	ng	#	90
92) Benzo(g,h,i)perylene	27.250	276	714413	10.915	ng	#	92

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

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