Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
Data File : BP006163.D
Acq On : 09 Jul 2021 16:23
Operator : CG/JU
Sample : M2990-13MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-JMSD

Manual Integrations APPROVED
mohammad
7/12/2021 12:36:56 PM

Quant Time: Jul 09 18:36:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 16:08:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	173495	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	671060	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	370050	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	696594	20.000	ng	#	0.00
76) Chrysene-d12	21.351	240	685521	20.000	ng	#	0.00
86) Perylene-d12	23.745	264	816152	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	887753	88.043	ng		-0.01
7) Phenol-d6	7.058	99	1064476	79.812	ng		0.00
23) Nitrobenzene-d5	9.040	82	594731	55.981	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	355861	80.773	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	1386576	55.393	ng		0.00
79) Terphenyl-d14	19.816	244	2122816	61.054	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	201239	50.866	ng		92
3) Pyridine	3.722	79	507919	50.527	ng		90
4) n-Nitrosodimethylamine	3.634	42	233737	59.116	ng	#	84
6) Aniline	7.199	93	789897	56.132	ng		98
8) 2-Chlorophenol	7.440	128	683346	57.865	ng		97
9) Benzaldehyde	7.016	77	329642m	45.286	ng		
10) Phenol	7.087	94	759320	59.279	ng		92
11) bis(2-Chloroethyl)ether	7.299	93	551284	56.955	ng		96
12) 1,3-Dichlorobenzene	7.758	146	718286	56.765	ng		96
13) 1,4-Dichlorobenzene	7.905	146	727778	56.316	ng		99
14) 1,2-Dichlorobenzene	8.222	146	691666	56.220	ng		99
15) Benzyl Alcohol	8.128	79	512819	63.600	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.405	45	637678	55.472	ng		89
17) 2-Methylphenol	8.334	107	519668	59.637	ng		94
18) Hexachloroethane	8.946	117	252218	58.625	ng		95
19) n-Nitroso-di-n-propyla...	8.687	70	395710	54.422	ng		97
20) 3+4-Methylphenols	8.663	107	692687	58.839	ng		92
22) Acetophenone	8.705	105	874851	57.278	ng		99
24) Nitrobenzene	9.081	77	595256	55.401	ng		93
25) Isophorone	9.616	82	1064088	52.762	ng		95
26) 2-Nitrophenol	9.793	139	355763	59.560	ng		89
27) 2,4-Dimethylphenol	9.863	122	583412	66.167	ng		98
28) bis(2-Chloroethoxy)met...	10.093	93	681345	60.961	ng		100
29) 2,4-Dichlorophenol	10.340	162	571120	58.952	ng		98
30) 1,2,4-Trichlorobenzene	10.540	180	580566	56.285	ng		96
31) Naphthalene	10.728	128	1930858	55.194	ng		99
32) Benzoic acid	10.075	122	415875	60.079	ng		93
33) 4-Chloroaniline	10.851	127	455088	33.700	ng		97
34) Hexachlorobutadiene	11.004	225	310475	54.668	ng		97
35) Caprolactam	11.669	113	192844m	63.146	ng		
36) 4-Chloro-3-methylphenol	11.993	107	609486	58.259	ng		99
37) 2-Methylnaphthalene	12.340	142	1340351	55.222	ng		97
38) 1-Methylnaphthalene	12.557	142	1247938	54.327	ng		98
40) 1,2,4,5-Tetrachloroben...	12.710	216	532490	58.009	ng		95
41) Hexachlorocyclopentadiene	12.681	237	350381	113.563	ng		97
43) 2,4,6-Trichlorophenol	12.957	196	394608	59.419	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	429911	60.338	ng	#	95
46) 1,1'-Biphenyl	13.345	154	1571629	56.571	ng		99
47) 2-Chloronaphthalene	13.393	162	1221507	57.153	ng		97
48) 2-Nitroaniline	13.610	65	335164	63.109	ng		89
49) Acenaphthylene	14.234	152	1967310	57.165	ng		100
50) Dimethylphthalate	13.975	163	1514658	56.921	ng		99
51) 2,6-Dinitrotoluene	14.104	165	339628	56.612	ng		93
52) Acenaphthene	14.575	154	1150333	54.950	ng		99
53) 3-Nitroaniline	14.434	138	258237	42.487	ng		98
54) 2,4-Dinitrophenol	14.657	184	348152	107.089	ng		98
55) Dibenzofuran	14.910	168	1770917	54.342	ng		97
56) 4-Nitrophenol	14.775	139	550481	114.185	ng	#	80
57) 2,4-Dinitrotoluene	14.898	165	471126	58.309	ng		98
58) Fluorene	15.563	166	1452624	55.484	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	324443	58.194	ng	#	76
60) Diethylphthalate	15.334	149	1563341	57.287	ng		98
61) 4-Chlorophenyl-phenyle...	15.551	204	638945	55.670	ng	#	90
62) 4-Nitroaniline	15.604	138	343368	54.850	ng	#	81
63) Azobenzene	15.851	77	1273928	55.917	ng		95
65) 4,6-Dinitro-2-methylph...	15.669	198	225541	49.444	ng		89
66) n-Nitrosodiphenylamine	15.775	169	1256174	55.383	ng		100
67) 4-Bromophenyl-phenylether	16.451	248	377327	54.947	ng	#	91
68) Hexachlorobenzene	16.569	284	444345	54.513	ng	#	93
69) Atrazine	16.733	200	413067	58.007	ng		95
70) Pentachlorophenol	16.928	266	511216	135.889	ng		99
71) Phenanthrene	17.310	178	2173490	55.248	ng		99
72) Anthracene	17.398	178	2246097	58.279	ng		100
73) Carbazole	17.675	167	2129189	55.751	ng		99
74) Di-n-butylphthalate	18.216	149	2796991	60.843	ng		99
75) Fluoranthene	19.275	202	2454437	56.924	ng		95
77) Benzidine	19.457	184	1753451	86.260	ng		99
78) Pyrene	19.627	202	2518226	54.348	ng		99
80) Butylbenzylphthalate	20.492	149	1347808	58.643	ng		93
81) Benzo(a)anthracene	21.333	228	2395665	55.254	ng		100
82) 3,3'-Dichlorobenzidine	21.263	252	741263	58.280	ng	#	97
83) Chrysene	21.386	228	2370179	55.316	ng		99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2018037	59.488	ng	#	98
85) Di-n-octyl phthalate	22.163	149	3640153	60.926	ng		100
87) Indeno(1,2,3-cd)pyrene	26.280	276	3531747	58.694	ng	#	88
88) Benzo(b)fluoranthene	23.016	252	2845033	57.467	ng	#	96
89) Benzo(k)fluoranthene	23.063	252	2703381	55.867	ng	#	96
90) Benzo(a)pyrene	23.645	252	2774547	59.722	ng	#	95
91) Dibenzo(a,h)anthracene	26.286	278	3024150	58.367	ng	#	92
92) Benzo(g,h,i)perylene	27.051	276	2988311	58.604	ng	#	90

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

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