Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005763.D
Acq On : 08 Jun 2021 04:45
Operator : CG/JU
Sample : M2603-02MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FAM4-WC1MSD

Manual Integrations APPROVED
mohammad
6/8/2021 3:37:38 PM

Quant Time: Jun 08 05:45:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 12:13:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	125778	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	496412	20.000	ng		-0.01
39) Acenaphthene-d10	14.592	164	318372	20.000	ng		-0.01
64) Phenanthrene-d10	17.333	188	678209	20.000	ng		#-0.01
76) Chrysene-d12	21.398	240	692953	20.000	ng		#-0.02
86) Perylene-d12	23.821	264	932381	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1055033	130.411	ng		0.00
7) Phenol-d6	7.140	99	1244575	112.849	ng		0.00
23) Nitrobenzene-d5	9.134	82	886515	99.317	ng		0.00
42) 2,4,6-Tribromophenol	16.081	330	720797	176.559	ng		-0.01
45) 2-Fluorobiphenyl	13.222	172	1960114	81.479	ng		-0.01
79) Terphenyl-d14	19.874	244	3282805	88.895	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	119173	32.186	ng	#	58
3) Pyridine	3.828	79	263153	28.710	ng	#	94
4) n-Nitrosodimethylamine	3.722	42	162392	39.780	ng	#	25
6) Aniline	7.299	93	279639	21.690	ng		95
8) 2-Chlorophenol	7.534	128	442441	48.842	ng		95
9) Benzaldehyde	7.105	77	193499	40.524	ng		90
10) Phenol	7.163	94	482580	42.857	ng		95
11) bis(2-Chloroethyl)ether	7.393	93	381486	43.880	ng		97
12) 1,3-Dichlorobenzene	7.857	146	447347	43.506	ng		98
13) 1,4-Dichlorobenzene	8.004	146	457912	43.942	ng		99
14) 1,2-Dichlorobenzene	8.322	146	441122	44.261	ng		99
15) Benzyl Alcohol	8.216	79	403010	50.943	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.504	45	380404	38.223	ng		85
17) 2-Methylphenol	8.416	107	351885	48.005	ng		97
18) Hexachloroethane	9.051	117	165977	44.882	ng		91
19) n-Nitroso-di-n-propyla...	8.781	70	310171	44.214	ng		97
20) 3+4-Methylphenols	8.746	107	474862	48.626	ng		95
22) Acetophenone	8.799	105	625707	47.254	ng	#	98
24) Nitrobenzene	9.175	77	472776	47.684	ng		92
25) Isophorone	9.710	82	847985	42.790	ng		97
26) 2-Nitrophenol	9.887	139	236006	61.023	ng	#	83
27) 2,4-Dimethylphenol	9.951	122	401730	52.814	ng		99
28) bis(2-Chloroethoxy)met...	10.187	93	504658	47.317	ng		98
29) 2,4-Dichlorophenol	10.428	162	428898	52.426	ng		99
30) 1,2,4-Trichlorobenzene	10.640	180	440076	45.416	ng		98
31) Naphthalene	10.828	128	1283303	43.411	ng		98
32) Benzoic acid	10.098	122	103350	27.090	ng		95
33) 4-Chloroaniline	10.940	127	93368	7.585	ng	#	90
34) Hexachlorobutadiene	11.110	225	284025	46.930	ng		98
35) Caprolactam	11.740	113	123597m	55.168	ng		
36) 4-Chloro-3-methylphenol	12.063	107	449161	52.160	ng		94
37) 2-Methylnaphthalene	12.428	142	880168	42.020	ng	#	88
38) 1-Methylnaphthalene	12.645	142	815498	41.035	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.798	216	495835	46.687	ng		96
41) Hexachlorocyclopentadiene	12.775	237	461705	78.087	ng		97
43) 2,4,6-Trichlorophenol	13.034	196	346956	53.862	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	379914	54.539	ng	#	94
46) 1,1'-Biphenyl	13.434	154	1184294	45.811	ng		99
47) 2-Chloronaphthalene	13.475	162	909866	43.300	ng		100
48) 2-Nitroaniline	13.675	65	271243	53.780	ng	#	75
49) Acenaphthylene	14.316	152	1500118	45.800	ng		99
50) Dimethylphthalate	14.057	163	1211534	47.842	ng		99
51) 2,6-Dinitrotoluene	14.169	165	268618	48.024	ng	#	68
52) Acenaphthene	14.657	154	871856	40.948	ng		97
53) 3-Nitroaniline	14.498	138	132382	25.761	ng	#	79
54) 2,4-Dinitrophenol	14.710	184	92243	43.074	ng		95
55) Dibenzofuran	14.992	168	1414870	43.354	ng		98
56) 4-Nitrophenol	14.816	139	437368	92.002	ng	#	58
57) 2,4-Dinitrotoluene	14.957	165	372234	53.283	ng	#	67
58) Fluorene	15.639	166	1130642	43.332	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.216	232	342867m	56.890	ng		
60) Diethylphthalate	15.410	149	1222094	48.098	ng		98
61) 4-Chlorophenyl-phenyle...	15.628	204	586972	44.995	ng		97
62) 4-Nitroaniline	15.663	138	271345	46.886	ng	#	51
63) Azobenzene	15.922	77	1123205	42.215	ng		96
65) 4,6-Dinitro-2-methylph...	15.722	198	115719	37.357	ng		94
66) n-Nitrosodiphenylamine	15.845	169	1015784	43.955	ng	#	92
67) 4-Bromophenyl-phenylether	16.522	248	372562	45.600	ng		96
68) Hexachlorobenzene	16.645	284	451416	46.403	ng		97
69) Atrazine	16.798	200	383806	58.114	ng		96
70) Pentachlorophenol	16.986	266	551385	113.010	ng		96
71) Phenanthrene	17.375	178	1841206	43.576	ng		100
72) Anthracene	17.469	178	1891867	45.347	ng		99
73) Carbazole	17.733	167	1720950	41.913	ng		99
74) Di-n-butylphthalate	18.280	149	2112691	48.049	ng	#	92
75) Fluoranthene	19.333	202	2261305	44.584	ng		97
77) Benzidine	19.504	184	878611	66.763	ng		98
78) Pyrene	19.686	202	2330842	47.670	ng		100
80) Butylbenzylphthalate	20.545	149	913373	46.338	ng	#	90
81) Benzo(a)anthracene	21.386	228	2180430	42.875	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	503410	30.646	ng	#	97
83) Chrysene	21.439	228	2143090	43.519	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	1319831	47.782	ng	#	96
85) Di-n-octyl phthalate	22.227	149	2559757	55.140	ng		98
87) Indeno(1,2,3-cd)pyrene	26.392	276	3503026	44.159	ng	#	93
88) Benzo(b)fluoranthene	23.086	252	2884287	42.636	ng	#	97
89) Benzo(k)fluoranthene	23.133	252	2703402	42.172	ng	#	96
90) Benzo(a)pyrene	23.721	252	2787756	45.298	ng	#	97
91) Dibenzo(a,h)anthracene	26.404	278	2996639	43.529	ng	#	95
92) Benzo(g,h,i)perylene	27.174	276	2906734	43.776	ng	#	94

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

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