Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008731.D
Acq On : 07 Jan 2022 17:55
Operator : CG/JU
Sample : N1049-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7211979MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

Quant Time: Jan 08 02:25:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	357539	20.000	ng		-0.01
21) Naphthalene-d8	10.675	136	1420011	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	930795	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1973442	20.000	ng		0.00
76) Chrysene-d12	21.351	240	2392101	20.000	ng		0.00
86) Perylene-d12	23.774	264	2468150	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	2397922	105.025	ng		0.00
7) Phenol-d6	7.046	99	2974925	97.060	ng		0.00
23) Nitrobenzene-d5	9.028	82	1767294	70.483	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	1426146	90.817	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	4215839	63.677	ng		0.00
79) Terphenyl-d14	19.822	244	7000693	59.639	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	289169	33.581	ng		98
3) Pyridine	3.752	79	718969	35.494	ng		96
4) n-Nitrosodimethylamine	3.658	42	359146	39.791	ng		91
6) Aniline	7.199	93	1072225	27.847	ng		99
8) 2-Chlorophenol	7.440	128	1099827	42.623	ng		100
9) Benzaldehyde	7.005	77	609744	29.394	ng		97
10) Phenol	7.069	94	1335715	42.587	ng		96
11) bis(2-Chloroethyl)ether	7.293	93	980143	40.317	ng		99
12) 1,3-Dichlorobenzene	7.757	146	1188764	40.779	ng		99
13) 1,4-Dichlorobenzene	7.904	146	1220939	40.984	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1166966	40.396	ng		99
15) Benzyl Alcohol	8.110	79	881606	38.719	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.404	45	1051256	37.939	ng		98
17) 2-Methylphenol	8.322	107	864524	39.982	ng		99
18) Hexachloroethane	8.952	117	411289	41.045	ng		99
19) n-Nitroso-di-n-propyla...	8.681	70	692501	34.799	ng		97
20) 3+4-Methylphenols	8.646	107	1169387	38.977	ng		99
22) Acetophenone	8.693	105	1532041	40.889	ng	#	98
24) Nitrobenzene	9.069	77	1066590	42.020	ng		98
25) Isophorone	9.604	82	1885542	38.236	ng		99
26) 2-Nitrophenol	9.781	139	588202	44.436	ng		96
27) 2,4-Dimethylphenol	9.851	122	867299	36.578	ng		99
28) bis(2-Chloroethoxy)met...	10.081	93	1215373	39.527	ng		100
29) 2,4-Dichlorophenol	10.322	162	1071966	42.174	ng		99
30) 1,2,4-Trichlorobenzene	10.540	180	1184361	42.771	ng		99
31) Naphthalene	10.722	128	3218739	41.923	ng		100
32) Benzoic acid	10.004	122	754777	47.613	ng		98
33) 4-Chloroaniline	10.834	127	762022	22.114	ng		99
34) Hexachlorobutadiene	11.016	225	715988	42.767	ng		98
35) Caprolactam	11.628	113	331563	36.708	ng		96
36) 4-Chloro-3-methylphenol	11.963	107	1013328	39.361	ng		100
37) 2-Methylnaphthalene	12.334	142	2410988	39.913	ng		99
38) 1-Methylnaphthalene	12.551	142	2230309	39.754	ng		100
40) 1,2,4,5-Tetrachloroben...	12.704	216	1377358	44.516	ng		99
41) Hexachlorocyclopentadiene	12.687	237	1607966	87.416	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	904340	43.899	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	976100	43.105	ng	97
46) 1,1'-Biphenyl	13.345	154	3101072	42.739	ng	99
47) 2-Chloronaphthalene	13.381	162	2386297	42.849	ng	99
48) 2-Nitroaniline	13.587	65	593225	43.640	ng	99
49) Acenaphthylene	14.228	152	3712131	41.958	ng	100
50) Dimethylphthalate	13.969	163	2862704	38.701	ng	100
51) 2,6-Dinitrotoluene	14.081	165	645173	40.332	ng	97
52) Acenaphthene	14.575	154	2255919	42.572	ng	100
53) 3-Nitroaniline	14.410	138	571377	34.998	ng	100
54) 2,4-Dinitrophenol	14.616	184	752715	92.269	ng	95
55) Dibenzofuran	14.910	168	3634268	41.586	ng	99
56) 4-Nitrophenol	14.728	139	1193919	87.823	ng	95
57) 2,4-Dinitrotoluene	14.869	165	873815	40.020	ng	92
58) Fluorene	15.557	166	2924401	41.572	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	848480m	41.696	ng	
60) Diethylphthalate	15.334	149	2803118	39.082	ng	98
61) 4-Chlorophenyl-phenyle...	15.551	204	1543523	40.896	ng	99
62) 4-Nitroaniline	15.575	138	635353	37.481	ng	94
63) Azobenzene	15.845	77	2404630	42.770	ng	96
65) 4,6-Dinitro-2-methylph...	15.639	198	456133	41.659	ng	96
66) n-Nitrosodiphenylamine	15.769	169	2545291	42.559	ng	100
67) 4-Bromophenyl-phenylether	16.451	248	987629	42.298	ng	100
68) Hexachlorobenzene	16.569	284	1142384	42.051	ng	97
69) Atrazine	16.728	200	946992	39.010	ng	99
70) Pentachlorophenol	16.916	266	1506665	88.840	ng	99
71) Phenanthrene	17.304	178	4718143	43.031	ng	99
72) Anthracene	17.398	178	4848385	43.299	ng	99
73) Carbazole	17.669	167	4370723	42.590	ng	99
74) Di-n-butylphthalate	18.222	149	5011095	42.648	ng	100
75) Fluoranthene	19.275	202	6030424	45.930	ng	97
77) Benzidine	19.457	184	2331664	22.780	ng	99
78) Pyrene	19.627	202	6307126	40.324	ng	99
80) Butylbenzylphthalate	20.498	149	2589500	40.491	ng	99
81) Benzo(a)anthracene	21.339	228	6719495	42.818	ng	99
82) 3,3'-Dichlorobenzidine	21.269	252	2386950	33.480	ng	99
83) Chrysene	21.392	228	6507600	42.987	ng	99
84) Bis(2-ethylhexyl)phtha...	21.269	149	3942256	42.221	ng	100
85) Di-n-octyl phthalate	22.198	149	7255118	43.777	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	7484544	37.950	ng	99
88) Benzo(b)fluoranthene	23.039	252	7309527	45.325	ng	99
89) Benzo(k)fluoranthene	23.092	252	7069554	46.841	ng	99
90) Benzo(a)pyrene	23.668	252	6820235	43.756	ng	99
91) Dibenzo(a,h)anthracene	26.333	278	6362547	38.181	ng	100
92) Benzo(g,h,i)perylene	27.092	276	6050788	36.579	ng	99

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

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