Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
Data File : BP013844.D
Acq On : 17 Feb 2023 14:31
Operator : CG/JU
Sample : 01541-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASHMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

Quant Time: Feb 17 22:03:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 18:05:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	139058	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	516065	20.000	ng		0.00
39) Acenaphthene-d10	14.745	164	331356	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	760316	20.000	ng		0.00
76) Chrysene-d12	21.575	240	809430	20.000	ng		0.00
86) Perylene-d12	24.133	264	936936	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.646	112	1197950	141.980	ng		0.00
7) Phenol-d6	7.258	99	1414366	130.887	ng		0.00
23) Nitrobenzene-d5	9.281	82	1049739	109.843	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	790110	163.806	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	2437112	96.605	ng		0.00
79) Terphenyl-d14	20.028	244	4504990	107.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.505	88	163440	44.567	ng	#	54
3) Pyridine	3.917	79	383535	38.794	ng		99
4) n-Nitrosodimethylamine	3.817	42	184313	49.748	ng		94
6) Aniline	7.428	93	268504	19.123	ng		99
8) 2-Chlorophenol	7.669	128	465630	52.319	ng		99
9) Benzaldehyde	7.240	77	225988	43.957	ng		98
10) Phenol	7.287	94	504423	44.846	ng		97
11) bis(2-Chloroethyl)ether	7.522	93	460141	51.117	ng		97
12) 1,3-Dichlorobenzene	7.999	146	501401	50.104	ng		99
13) 1,4-Dichlorobenzene	8.146	146	509951	50.448	ng		98
14) 1,2-Dichlorobenzene	8.463	146	490851	52.018	ng		99
15) Benzyl Alcohol	8.352	79	418792m	55.238	ng		
16) 2,2'-oxybis(1-Chloropr...	8.634	45	502309m	52.240	ng		
17) 2-Methylphenol	8.552	107	381107	49.791	ng		98
18) Hexachloroethane	9.199	117	179224	50.616	ng		98
19) n-Nitroso-di-n-propyla...	8.922	70	345072	54.561	ng		98
20) 3+4-Methylphenols	8.881	107	500818	48.614	ng		98
22) Acetophenone	8.940	105	716340	55.033	ng	#	99
24) Nitrobenzene	9.322	77	530717	53.215	ng		99
25) Isophorone	9.852	82	929358	50.463	ng		99
26) 2-Nitrophenol	10.040	139	236421	50.174	ng		94
27) 2,4-Dimethylphenol	10.093	122	406118	52.729	ng		98
28) bis(2-Chloroethoxy)met...	10.334	93	582611	49.557	ng		100
29) 2,4-Dichlorophenol	10.575	162	438310	53.042	ng		98
30) 1,2,4-Trichlorobenzene	10.793	180	484576	49.973	ng		98
31) Naphthalene	10.987	128	1352898	47.816	ng		99
32) Benzoic acid	10.210	122	189003	32.906	ng		98
33) 4-Chloroaniline	11.099	127	42260	3.557	ng		99
34) Hexachlorobutadiene	11.269	225	308942	47.944	ng		99
35) Caprolactam	11.881	113	105545m	40.005	ng		
36) 4-Chloro-3-methylphenol	12.204	107	468079	50.835	ng		98
37) 2-Methylnaphthalene	12.581	142	968335	47.279	ng		99
38) 1-Methylnaphthalene	12.799	142	934960	48.776	ng		99
40) 1,2,4,5-Tetrachloroben...	12.946	216	594243	49.727	ng		99
41) Hexachlorocyclopentadiene	12.922	237	709659	111.800	ng		98
43) 2,4,6-Trichlorophenol	13.181	196	394344	52.751	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	429318	48.320	ng	98
46) 1,1'-Biphenyl	13.581	154	1334469	49.827	ng	99
47) 2-Chloronaphthalene	13.628	162	1046344	51.281	ng	100
48) 2-Nitroaniline	13.828	65	277542	47.898	ng	97
49) Acenaphthylene	14.469	152	1633169	50.777	ng	100
50) Dimethylphthalate	14.193	163	1395921	51.771	ng	99
51) 2,6-Dinitrotoluene	14.316	165	291624	49.410	ng	97
52) Acenaphthene	14.810	154	997484	50.964	ng	99
53) 3-Nitroaniline	14.645	138	96656	17.106	ng	97
54) 2,4-Dinitrophenol	14.851	184	295393	76.464	ng	98
55) Dibenzofuran	15.140	168	1612624	49.519	ng	100
56) 4-Nitrophenol	14.945	139	465276	96.536	ng	95
57) 2,4-Dinitrotoluene	15.104	165	407037	51.152	ng	98
58) Fluorene	15.792	166	1290866	50.553	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.363	232	403589	52.765	ng	100
60) Diethylphthalate	15.551	149	1334336	50.749	ng	99
61) 4-Chlorophenyl-phenyle...	15.781	204	690082	49.878	ng	99
62) 4-Nitroaniline	15.810	138	275371	43.869	ng	98
63) Azobenzene	16.075	77	1224838	51.490	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	221868	42.015	ng	96
66) n-Nitrosodiphenylamine	15.998	169	1147085	49.809	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	445640	49.658	ng	97
68) Hexachlorobenzene	16.798	284	521106	53.195	ng	98
69) Atrazine	16.945	200	446730	56.894	ng	99
70) Pentachlorophenol	17.139	266	679634	94.102	ng	98
71) Phenanthrene	17.539	178	2131110	50.033	ng	100
72) Anthracene	17.634	178	2155742	50.616	ng	100
73) Carbazole	17.898	167	1987723	51.841	ng	99
74) Di-n-butylphthalate	18.428	149	2380741	52.995	ng	100
75) Fluoranthene	19.492	202	2663751	50.166	ng	99
77) Benzidine	19.663	184	418144	26.359	ng	100
78) Pyrene	19.845	202	2801493	50.647	ng	100
80) Butylbenzylphthalate	20.698	149	1052146	53.518	ng	99
81) Benzo(a)anthracene	21.557	228	2947324	50.849	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	348451	19.108	ng	99
83) Chrysene	21.616	228	2788217	49.655	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1621207	52.892	ng	100
85) Di-n-octyl phthalate	22.433	149	2880040	52.732	ng	100
87) Indeno(1,2,3-cd)pyrene	26.833	276	3864475	53.021	ng	99
88) Benzo(b)fluoranthene	23.345	252	3267612	55.144	ng	100
89) Benzo(k)fluoranthene	23.398	252	3119357	51.860	ng	100
90) Benzo(a)pyrene	24.021	252	2809799	49.047	ng	99
91) Dibenzo(a,h)anthracene	26.851	278	3215556	52.657	ng	99
92) Benzo(g,h,i)perylene	27.668	276	3182141	52.699	ng	99

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

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