Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009189.D
Acq On : 16 Feb 2022 21:05
Operator : CG/JU
Sample : N1554-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-021522MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Quant Time: Feb 17 02:05:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	204762	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	785771	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	507405	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1043177	20.000	ng	#	0.00
76) Chrysene-d12	21.280	240	1066775	20.000	ng		0.00
86) Perylene-d12	23.668	264	1165415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1268649	110.520	ng		0.00
7) Phenol-d6	6.975	99	1631134	107.841	ng		0.00
23) Nitrobenzene-d5	8.946	82	1026561	73.675	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	776916	114.678	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	2653613	73.211	ng		0.00
79) Terphenyl-d14	19.745	244	3627655	61.154	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	161561	42.736	ng		98
3) Pyridine	3.687	79	414019	37.489	ng		99
4) n-Nitrosodimethylamine	3.599	42	190495	45.027	ng	#	94
6) Aniline	7.116	93	443357	25.824	ng		99
8) 2-Chlorophenol	7.352	128	666362	51.437	ng		98
9) Benzaldehyde	6.928	77	347757	45.390	ng		97
10) Phenol	7.005	94	817469	53.754	ng		96
11) bis(2-Chloroethyl)ether	7.210	93	593541	50.265	ng		99
12) 1,3-Dichlorobenzene	7.669	146	725419	48.418	ng		99
13) 1,4-Dichlorobenzene	7.816	146	743518	48.612	ng		99
14) 1,2-Dichlorobenzene	8.128	146	712008	48.036	ng		99
15) Benzyl Alcohol	8.034	79	530186	55.064	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	630448	47.369	ng		99
17) 2-Methylphenol	8.246	107	516149	50.627	ng		97
18) Hexachloroethane	8.851	117	251731	49.684	ng		92
19) n-Nitroso-di-n-propyla...	8.599	70	425626	49.147	ng		97
20) 3+4-Methylphenols	8.581	107	697261	49.971	ng		97
22) Acetophenone	8.610	105	907693	49.415	ng	#	96
24) Nitrobenzene	8.987	77	650366	49.375	ng		94
25) Isophorone	9.516	82	1185318	51.200	ng		99
26) 2-Nitrophenol	9.698	139	359818	52.817	ng		95
27) 2,4-Dimethylphenol	9.775	122	577610	56.704	ng		99
28) bis(2-Chloroethoxy)met...	9.993	93	750807	47.780	ng		98
29) 2,4-Dichlorophenol	10.251	162	671272	52.736	ng		99
30) 1,2,4-Trichlorobenzene	10.446	180	738157	49.321	ng		99
31) Naphthalene	10.628	128	1920873	47.929	ng		99
32) Benzoic acid	9.993	122	420927	49.424	ng		96
33) 4-Chloroaniline	10.763	127	247014	15.264	ng		98
34) Hexachlorobutadiene	10.910	225	466456	50.664	ng		98
35) Caprolactam	11.569	113	189096	50.663	ng		92
36) 4-Chloro-3-methylphenol	11.904	107	612377	50.434	ng		98
37) 2-Methylnaphthalene	12.245	142	1420021	50.070	ng		99
38) 1-Methylnaphthalene	12.463	142	1324466	47.794	ng		96
40) 1,2,4,5-Tetrachloroben...	12.616	216	847590	52.480	ng		100
41) Hexachlorocyclopentadiene	12.587	237	328639	57.170	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	557927	52.093	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	608362	52.969	ng		98
46) 1,1'-Biphenyl	13.257	154	1852224	49.684	ng		100
47) 2-Chloronaphthalene	13.298	162	1464184	49.427	ng		98
48) 2-Nitroaniline	13.516	65	352782	51.395	ng		93
49) Acenaphthylene	14.145	152	2309386	51.709	ng		99
50) Dimethylphthalate	13.892	163	1793937	49.599	ng		100
51) 2,6-Dinitrotoluene	14.016	165	405305	53.730	ng		98
52) Acenaphthene	14.492	154	1334470	49.108	ng		100
53) 3-Nitroaniline	14.351	138	247254	32.046	ng		94
54) 2,4-Dinitrophenol	14.581	184	365437	73.635	ng		95
55) Dibenzofuran	14.828	168	2212741	48.333	ng		98
56) 4-Nitrophenol	14.704	139	565796	83.775	ng		92
57) 2,4-Dinitrotoluene	14.816	165	551712	56.004	ng	#	84
58) Fluorene	15.481	166	1747760	49.691	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.069	232	505152m	50.258	ng		
60) Diethylphthalate	15.251	149	1727171	50.503	ng		98
61) 4-Chlorophenyl-phenyle...	15.469	204	954927	49.969	ng		99
62) 4-Nitroaniline	15.522	138	332359	42.842	ng		88
63) Azobenzene	15.763	77	1435171	48.502	ng		94
65) 4,6-Dinitro-2-methylph...	15.592	198	253541	39.604	ng		97
66) n-Nitrosodiphenylamine	15.692	169	1562176	49.378	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	610150	50.473	ng		98
68) Hexachlorobenzene	16.492	284	696154	51.410	ng		98
69) Atrazine	16.657	200	586290	55.888	ng		98
70) Pentachlorophenol	16.851	266	772515	108.347	ng		99
71) Phenanthrene	17.228	178	2796920	49.516	ng		98
72) Anthracene	17.316	178	2808251	50.816	ng		99
73) Carbazole	17.598	167	2512415	47.429	ng		99
74) Di-n-butylphthalate	18.145	149	2981536	55.550	ng		99
75) Fluoranthene	19.204	202	3290787	51.981	ng		97
77) Benzidine	19.386	184	1542162	69.182	ng		98
78) Pyrene	19.557	202	3370019	44.409	ng		99
80) Butylbenzylphthalate	20.421	149	1330555	50.991	ng		100
81) Benzo(a)anthracene	21.268	228	3389363	49.303	ng		98
82) 3,3'-Dichlorobenzidine	21.198	252	1047674	43.954	ng		99
83) Chrysene	21.321	228	3152280	47.566	ng		97
84) Bis(2-ethylhexyl)phtha...	21.186	149	1949955	56.494	ng		99
85) Di-n-octyl phthalate	22.098	149	3471705	62.878	ng		100
87) Indeno(1,2,3-cd)pyrene	26.168	276	4149640	47.921	ng		97
88) Benzo(b)fluoranthene	22.945	252	3720894	51.863	ng		99
89) Benzo(k)fluoranthene	22.992	252	3380360	47.226	ng		98
90) Benzo(a)pyrene	23.568	252	3521399	58.871	ng		98
91) Dibenzo(a,h)anthracene	26.174	278	3568254	50.143	ng		98
92) Benzo(g,h,i)perylene	26.927	276	3567844	50.356	ng		98

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

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