Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007896.D
Acq On : 09 Nov 2021 18:39
Operator : CG/JU
Sample : M4485-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AG-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 11:03:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	140557	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	533546	20.000	ng	#	0.00
39) Acenaphthene-d10	14.498	164	314385	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	667548	20.000	ng		0.00
76) Chrysene-d12	21.345	240	725456	20.000	ng		0.00
86) Perylene-d12	23.757	264	823812	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1084772	130.887	ng		0.00
7) Phenol-d6	7.040	99	1310887	109.279	ng		0.00
23) Nitrobenzene-d5	9.022	82	803627	80.909	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	570706	127.199	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1924269	89.135	ng		0.00
79) Terphenyl-d14	19.816	244	2951250	82.839	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	148383	52.555	ng		98
3) Pyridine	3.752	79	405574	44.106	ng		96
4) n-Nitrosodimethylamine	3.658	42	214684	54.590	ng	#	97
6) Aniline	7.216	93	328999	24.349	ng		97
8) 2-Chlorophenol	7.428	128	536249	58.714	ng		96
9) Benzaldehyde	6.999	77	299726	45.950	ng		96
10) Phenol	7.069	94	651480	56.872	ng		95
11) bis(2-Chloroethyl)ether	7.287	93	762970	83.442	ng		80
12) 1,3-Dichlorobenzene	7.752	146	560721	55.201	ng		98
13) 1,4-Dichlorobenzene	7.893	146	577742	55.666	ng		98
14) 1,2-Dichlorobenzene	8.211	146	551798	55.015	ng		99
15) Benzyl Alcohol	8.105	79	481509	53.018	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	530090	49.457	ng		96
17) 2-Methylphenol	8.316	107	436049	55.047	ng		99
18) Hexachloroethane	8.940	117	206354	57.496	ng		91
19) n-Nitroso-di-n-propyla...	8.675	70	350176	47.698	ng		94
20) 3+4-Methylphenols	8.640	107	583155	52.334	ng		97
22) Acetophenone	8.687	105	726253	54.022	ng	#	96
24) Nitrobenzene	9.063	77	545265	57.689	ng		97
25) Isophorone	9.593	82	959546	53.158	ng		98
26) 2-Nitrophenol	9.775	139	288935	60.362	ng		94
27) 2,4-Dimethylphenol	9.846	122	468296	63.661	ng		96
28) bis(2-Chloroethoxy)met...	10.075	93	595570	50.000	ng		99
29) 2,4-Dichlorophenol	10.316	162	523403	59.180	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	558356	56.764	ng		98
31) Naphthalene	10.710	128	1504951	55.760	ng		99
32) Benzoic acid	10.010	122	370771	58.472	ng		99
33) 4-Chloroaniline	10.840	127	561001	47.187	ng		98
34) Hexachlorobutadiene	11.005	225	380579	58.930	ng		99
35) Caprolactam	11.622	113	152267m	49.322	ng		
36) 4-Chloro-3-methylphenol	11.957	107	536689	53.717	ng		100
37) 2-Methylnaphthalene	12.322	142	1113340	55.923	ng		99
38) 1-Methylnaphthalene	12.540	142	1021212	52.353	ng		100
40) 1,2,4,5-Tetrachloroben...	12.693	216	635756	64.508	ng		99
41) Hexachlorocyclopentadiene	12.675	237	839638	159.071	ng		98
43) 2,4,6-Trichlorophenol	12.934	196	433740	63.008	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	474126	63.583	ng		96
46) 1,1'-Biphenyl	13.334	154	1360868	59.952	ng		98
47) 2-Chloronaphthalene	13.375	162	1089457	61.762	ng		99
48) 2-Nitroaniline	13.575	65	311182	61.309	ng		96
49) Acenaphthylene	14.216	152	1579161	57.004	ng		99
50) Dimethylphthalate	13.963	163	1302059	53.660	ng		99
51) 2,6-Dinitrotoluene	14.075	165	286271	57.047	ng		98
52) Acenaphthene	14.563	154	943915	56.417	ng		100
53) 3-Nitroaniline	14.404	138	278114	51.948	ng	#	95
54) 2,4-Dinitrophenol	14.616	184	394476	127.874	ng	#	89
55) Dibenzofuran	14.898	168	1536543	54.290	ng		98
56) 4-Nitrophenol	14.728	139	482055	106.012	ng		90
57) 2,4-Dinitrotoluene	14.863	165	402037	58.196	ng		90
58) Fluorene	15.545	166	1202580	56.019	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.128	232	383649m	57.154	ng		
60) Diethylphthalate	15.328	149	1290889	54.796	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	648161	55.278	ng		97
62) 4-Nitroaniline	15.569	138	283146	52.074	ng		89
63) Azobenzene	15.840	77	1085512	54.594	ng		96
65) 4,6-Dinitro-2-methylph...	15.634	198	245686	56.208	ng		88
66) n-Nitrosodiphenylamine	15.757	169	1074826	56.557	ng		100
67) 4-Bromophenyl-phenylether	16.439	248	430256	58.220	ng		100
68) Hexachlorobenzene	16.563	284	495724	60.115	ng		93
69) Atrazine	16.722	200	414892	57.012	ng		98
70) Pentachlorophenol	16.910	266	624732	117.790	ng		96
71) Phenanthrene	17.298	178	1972206	56.200	ng		100
72) Anthracene	17.387	178	1997952	57.852	ng		100
73) Carbazole	17.657	167	1791584	52.189	ng		100
74) Di-n-butylphthalate	18.216	149	2196074	56.170	ng		99
75) Fluoranthene	19.263	202	2465014	55.683	ng		98
77) Benzidine	19.451	184	1502104	82.156	ng		99
78) Pyrene	19.616	202	2528203	56.820	ng		99
80) Butylbenzylphthalate	20.492	149	1051425	56.225	ng		96
81) Benzo(a)anthracene	21.327	228	2577737	53.935	ng		99
82) 3,3'-Dichlorobenzidine	21.263	252	944398	58.845	ng	#	99
83) Chrysene	21.386	228	2523250	55.768	ng		99
84) Bis(2-ethylhexyl)phtha...	21.263	149	1504238	56.087	ng	#	97
85) Di-n-octyl phthalate	22.186	149	2767853	57.370	ng		96
87) Indeno(1,2,3-cd)pyrene	26.286	276	3506277	57.099	ng	#	94
88) Benzo(b)fluoranthene	23.027	252	2982768	61.422	ng	#	98
89) Benzo(k)fluoranthene	23.074	252	2690876	55.830	ng	#	98
90) Benzo(a)pyrene	23.651	252	2832821	67.370	ng	#	97
91) Dibenzo(a,h)anthracene	26.298	278	2963963	58.235	ng		97
92) Benzo(g,h,i)perylene	27.057	276	2992163	59.261	ng		96

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

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