Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
Data File : BP012633.D
Acq On : 12 Nov 2022 23:05
Operator : CG/JU
Sample : N5502-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
2182MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

Quant Time: Nov 14 03:23:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 13 22:44:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.711	152	295826	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1245754	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	810229	20.000	ng		-0.01
64) Phenanthrene-d10	17.134	188	1712208	20.000	ng		-0.01
76) Chrysene-d12	21.239	240	1679822	20.000	ng		0.00
86) Perylene-d12	23.580	264	1711247	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	2427841	152.820	ng		0.00
7) Phenol-d6	6.905	99	2972109	134.778	ng		0.00
23) Nitrobenzene-d5	8.887	82	2085871	92.892	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	1662210	150.280	ng		-0.01
45) 2-Fluorobiphenyl	12.987	172	4637390	86.888	ng		-0.01
79) Terphenyl-d14	19.710	244	7290918	87.931	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	301318	44.210	ng	#	53
3) Pyridine	3.623	79	646109	32.521	ng		100
4) n-Nitrosodimethylamine	3.523	42	361956	49.217	ng		96
6) Aniline	7.058	93	701157	25.128	ng		99
8) 2-Chlorophenol	7.281	128	1056033	52.487	ng		99
9) Benzaldehyde	6.864	77	481250	34.599	ng		99
10) Phenol	6.928	94	1175533	47.184	ng		99
11) bis(2-Chloroethyl)ether	7.152	93	1019247	49.475	ng		99
12) 1,3-Dichlorobenzene	7.599	146	985191	44.438	ng		99
13) 1,4-Dichlorobenzene	7.746	146	1004110	44.252	ng		99
14) 1,2-Dichlorobenzene	8.058	146	988826	45.796	ng		98
15) Benzyl Alcohol	7.969	79	878938m	53.255	ng		
16) 2,2'-oxybis(1-Chloropr...	8.252	45	1266559	47.339	ng		99
17) 2-Methylphenol	8.175	107	871408	50.763	ng		99
18) Hexachloroethane	8.781	117	355561	43.818	ng		97
19) n-Nitroso-di-n-propyla...	8.534	70	760685	47.519	ng		99
20) 3+4-Methylphenols	8.505	107	1180189	48.917	ng		99
22) Acetophenone	8.552	105	1551997	50.024	ng	#	100
24) Nitrobenzene	8.928	77	1154880	49.402	ng		99
25) Isophorone	9.458	82	2188472	51.879	ng		99
26) 2-Nitrophenol	9.634	139	575209	51.265	ng		98
27) 2,4-Dimethylphenol	9.705	122	961831	57.379	ng		100
28) bis(2-Chloroethoxy)met...	9.940	93	1405997	53.792	ng		100
29) 2,4-Dichlorophenol	10.169	162	1044689	52.609	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	995452	46.257	ng		99
31) Naphthalene	10.557	128	3112149	45.985	ng		100
32) Benzoic acid	9.899	122	710550	41.980	ng		98
33) 4-Chloroaniline	10.693	127	430397	15.247	ng		99
34) Hexachlorobutadiene	10.834	225	597034	43.851	ng		99
35) Caprolactam	11.522	113	272651m	41.079	ng		
36) 4-Chloro-3-methylphenol	11.828	107	1146627	51.159	ng		98
37) 2-Methylnaphthalene	12.175	142	2261471	46.619	ng		100
38) 1-Methylnaphthalene	12.399	142	2137983	45.045	ng		99
40) 1,2,4,5-Tetrachloroben...	12.546	216	1192604	49.399	ng		99
41) Hexachlorocyclopentadiene	12.516	237	1285699	102.790	ng		98
43) 2,4,6-Trichlorophenol	12.799	196	845943	49.884	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	936446	49.471	ng	98
46) 1,1'-Biphenyl	13.199	154	2950379	49.171	ng	100
47) 2-Chloronaphthalene	13.240	162	2274901	48.306	ng	99
48) 2-Nitroaniline	13.469	65	732930	51.459	ng	99
49) Acenaphthylene	14.093	152	3634047	48.594	ng	100
50) Dimethylphthalate	13.846	163	3049994	47.634	ng	100
51) 2,6-Dinitrotoluene	13.969	165	676812	49.567	ng	97
52) Acenaphthene	14.434	154	2170056	47.672	ng	99
53) 3-Nitroaniline	14.298	138	476385	32.417	ng	96
54) 2,4-Dinitrophenol	14.516	184	825928	84.906	ng	98
55) Dibenzofuran	14.775	168	3383175	47.024	ng	99
56) 4-Nitrophenol	14.634	139	1113816	91.196	ng	98
57) 2,4-Dinitrotoluene	14.763	165	890455	50.600	ng	99
58) Fluorene	15.428	166	2621859	46.165	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	820351	47.054	ng	100
60) Diethylphthalate	15.210	149	3011919	46.988	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	1338442	47.545	ng	98
62) 4-Nitroaniline	15.475	138	660464	43.203	ng	99
63) Azobenzene	15.716	77	2775772	48.309	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	512421	44.049	ng	98
66) n-Nitrosodiphenylamine	15.645	169	2419859	47.913	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	947938	49.251	ng	98
68) Hexachlorobenzene	16.428	284	1128830	49.134	ng	99
69) Atrazine	16.610	200	928009	52.695	ng	99
70) Pentachlorophenol	16.787	266	1392187	98.235	ng	98
71) Phenanthrene	17.181	178	4434471	46.984	ng	100
72) Anthracene	17.269	178	4425198	48.868	ng	100
73) Carbazole	17.551	167	4223740	49.808	ng	100
74) Di-n-butylphthalate	18.098	149	5235879	49.442	ng	100
75) Fluoranthene	19.157	202	5237247	47.347	ng	99
77) Benzidine	19.345	184	333349	8.995	ng	99
78) Pyrene	19.510	202	5488681	47.363	ng	100
80) Butylbenzylphthalate	20.386	149	2467341	50.271	ng	98
81) Benzo(a)anthracene	21.222	228	5268797	46.907	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	1506361	39.272	ng	100
83) Chrysene	21.275	228	4949644	46.231	ng	100
84) Bis(2-ethylhexyl)phtha...	21.145	149	3484738	51.912	ng	100
85) Di-n-octyl phthalate	22.051	149	5951899	52.561	ng	99
87) Indeno(1,2,3-cd)pyrene	26.015	276	5826355	48.046	ng	99
88) Benzo(b)fluoranthene	22.869	252	5703833	51.810	ng	99
89) Benzo(k)fluoranthene	22.916	252	5420690	50.463	ng	99
90) Benzo(a)pyrene	23.480	252	4817957	53.592	ng	99
91) Dibenzo(a,h)anthracene	26.027	278	5040509	49.728	ng	99
92) Benzo(g,h,i)perylene	26.763	276	4883235	49.339	ng	98

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

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