Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090924\
Data File : BP021861.D
Acq On : 09 Sep 2024 11:31
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Sep 10 00:00:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 09 23:51:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.764	152	193416	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	769468	20.000	ng		0.00
39) Acenaphthene-d10	14.375	164	529416	20.000	ng		0.00
64) Phenanthrene-d10	17.169	188	1182762	20.000	ng		0.00
76) Chrysene-d12	21.604	240	1294069	20.000	ng		-0.01
86) Perylene-d12	24.933	264	1548888	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	226682	15.961	ng		0.00
7) Phenol-d6	6.940	99	364390	18.819	ng		0.00
23) Nitrobenzene-d5	8.905	82	246573	16.894	ng		0.00
42) 2,4,6-Tribromophenol	15.887	330	113803	18.271	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	682150	20.999	ng		0.00
79) Terphenyl-d14	19.886	244	1237903	19.633	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	61061	8.342	ng		97
3) Pyridine	3.705	79	159801	8.390	ng		98
4) n-Nitrosodimethylamine	3.605	42	59669	8.905	ng	#	86
6) Aniline	7.099	93	169075	9.921	ng		98
8) 2-Chlorophenol	7.334	128	126826	9.551	ng		95
9) Benzaldehyde	6.917	77	120648m	11.127	ng		
10) Phenol	6.969	94	186570	9.609	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	152533	10.083	ng		99
12) 1,3-Dichlorobenzene	7.658	146	146713	10.120	ng		99
13) 1,4-Dichlorobenzene	7.799	146	147900	10.194	ng		95
14) 1,2-Dichlorobenzene	8.116	146	141468	10.177	ng		100
15) Benzyl Alcohol	7.999	79	122829	9.680	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	143424	10.899	ng		99
17) 2-Methylphenol	8.199	107	116912	9.636	ng		97
18) Hexachloroethane	8.834	117	48880	8.317	ng		94
19) n-Nitroso-di-n-propyla...	8.558	70	108892	10.316	ng		97
20) 3+4-Methylphenols	8.522	107	161205	9.619	ng		99
22) Acetophenone	8.575	105	239280	11.206	ng	#	99
24) Nitrobenzene	8.946	77	127257	8.598	ng		96
25) Isophorone	9.475	82	209744	7.327	ng		98
26) 2-Nitrophenol	9.652	139	38657	6.795	ng		94
27) 2,4-Dimethylphenol	9.716	122	59924	7.328	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	141754	7.688	ng		98
29) 2,4-Dichlorophenol	10.193	162	77905	7.313	ng		96
30) 1,2,4-Trichlorobenzene	10.399	180	101596	8.245	ng		99
31) Naphthalene	10.587	128	414054	10.229	ng		100
32) Benzoic acid	9.805	122	55356	10.116	ng		95
33) 4-Chloroaniline	10.693	127	148016	9.902	ng		98
34) Hexachlorobutadiene	10.875	225	81131	10.130	ng		96
35) Caprolactam	11.463	113	41316	8.974	ng		99
36) 4-Chloro-3-methylphenol	11.816	107	145620	9.265	ng		97
37) 2-Methylnaphthalene	12.193	142	271693	10.296	ng		99
38) 1-Methylnaphthalene	12.410	142	274008	10.430	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	140771	10.126	ng		98
41) Hexachlorocyclopentadiene	12.546	237	44462	9.819	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	84241	9.412	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	96530	9.467	ng		97
46) 1,1'-Biphenyl	13.210	154	370598	10.378	ng		98
47) 2-Chloronaphthalene	13.246	162	289146	10.337	ng		97
48) 2-Nitroaniline	13.451	65	89293	9.489	ng		95
49) Acenaphthylene	14.099	152	414577	9.757	ng		99
50) Dimethylphthalate	13.834	163	366183	9.913	ng		99
51) 2,6-Dinitrotoluene	13.946	165	76525	9.386	ng		99
52) Acenaphthene	14.440	154	276293	10.026	ng		98
53) 3-Nitroaniline	14.275	138	73863	9.064	ng		91
54) 2,4-Dinitrophenol	14.487	184	30690	7.371	ng		94
55) Dibenzofuran	14.775	168	445955	10.187	ng		97
56) 4-Nitrophenol	14.604	139	63770	8.866	ng		90
57) 2,4-Dinitrotoluene	14.740	165	99440	8.847	ng		90
58) Fluorene	15.434	166	365213	10.112	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.016	232	88082	9.561	ng		100
60) Diethylphthalate	15.216	149	381820	9.894	ng		98
61) 4-Chlorophenyl-phenyle...	15.434	204	178774	10.104	ng		97
62) 4-Nitroaniline	15.451	138	79423	8.843	ng		95
63) Azobenzene	15.734	77	419599	10.214	ng		97
65) 4,6-Dinitro-2-methylph...	15.516	198	47367	8.167	ng		97
66) n-Nitrosodiphenylamine	15.657	169	312580	10.072	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	107895	9.657	ng		91
68) Hexachlorobenzene	16.463	284	130232	9.682	ng		99
69) Atrazine	16.634	200	102028	10.425	ng		98
70) Pentachlorophenol	16.816	266	76343	8.853	ng		97
71) Phenanthrene	17.216	178	595925	10.202	ng		100
72) Anthracene	17.310	178	556742	9.932	ng		99
73) Carbazole	17.581	167	589886	10.233	ng		98
74) Di-n-butylphthalate	18.181	149	637978	9.701	ng		99
75) Fluoranthene	19.304	202	749462	10.177	ng		99
77) Benzidine	19.486	184	163215	7.119	ng		99
78) Pyrene	19.675	202	792239	9.487	ng		99
80) Butylbenzylphthalate	20.622	149	309929	9.174	ng		93
81) Benzo(a)anthracene	21.580	228	813239	9.914	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	244793	9.195	ng		100
83) Chrysene	21.651	228	793453	10.097	ng		99
84) Bis(2-ethylhexyl)phtha...	21.528	149	459185	9.388	ng		99
85) Di-n-octyl phthalate	22.798	149	742412	9.316	ng		98
87) Indeno(1,2,3-cd)pyrene	28.715	276	962904	9.855	ng	#	93
88) Benzo(b)fluoranthene	23.880	252	862091	9.602	ng		99
89) Benzo(k)fluoranthene	23.945	252	847417	9.894	ng		99
90) Benzo(a)pyrene	24.786	252	729093	9.449	ng		99
91) Dibenzo(a,h)anthracene	28.809	278	793430	9.895	ng		98
92) Benzo(g,h,i)perylene	29.880	276	822440	9.785	ng		98

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

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