Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021607.D
Acq On : 22 Aug 2024 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 11:12:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:12:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	306021	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1295901	20.000	ng		0.00
39) Acenaphthene-d10	14.446	164	892605	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	2043670	20.000	ng		0.00
76) Chrysene-d12	21.716	240	2177757	20.000	ng		0.00
86) Perylene-d12	25.151	264	2529327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1692146	82.106	ng		0.00
7) Phenol-d6	6.969	99	2421788	80.553	ng		0.00
23) Nitrobenzene-d5	8.946	82	2187801	87.139	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	976355	98.281	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	4401195	75.251	ng		0.00
79) Terphenyl-d14	19.975	244	8129554	72.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	352966	36.120	ng		98
3) Pyridine	3.711	79	969082	35.524	ng		94
4) n-Nitrosodimethylamine	3.617	42	309671	37.767	ng		90
6) Aniline	7.128	93	1100584	36.618	ng		97
8) 2-Chlorophenol	7.369	128	810494	42.555	ng		94
9) Benzaldehyde	6.940	77	698181m	36.270	ng		
10) Phenol	6.993	94	1223947	39.314	ng		97
11) bis(2-Chloroethyl)ether	7.222	93	959935	36.440	ng		97
12) 1,3-Dichlorobenzene	7.693	146	897289	39.663	ng		97
13) 1,4-Dichlorobenzene	7.834	146	910209	39.845	ng		97
14) 1,2-Dichlorobenzene	8.152	146	868092	39.433	ng		99
15) Benzyl Alcohol	8.034	79	826783	38.328	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	889376	36.661	ng		97
17) 2-Methylphenol	8.234	107	800785	40.687	ng		97
18) Hexachloroethane	8.881	117	366497	40.008	ng		97
19) n-Nitroso-di-n-propyla...	8.599	70	710579	34.216	ng		96
20) 3+4-Methylphenols	8.558	107	1130685	42.606	ng		98
22) Acetophenone	8.616	105	1502950	37.751	ng	#	97
24) Nitrobenzene	8.987	77	1109518	40.688	ng		92
25) Isophorone	9.516	82	2070792	34.912	ng		98
26) 2-Nitrophenol	9.699	139	418665	56.145	ng		95
27) 2,4-Dimethylphenol	9.763	122	588934	40.233	ng		98
28) bis(2-Chloroethoxy)met...	9.993	93	1316616	36.364	ng		99
29) 2,4-Dichlorophenol	10.234	162	778360	45.004	ng		98
30) 1,2,4-Trichlorobenzene	10.452	180	850430	38.353	ng		98
31) Naphthalene	10.640	128	2651405	39.165	ng		99
32) Benzoic acid	9.893	122	702733	64.277	ng		92
33) 4-Chloroaniline	10.740	127	1044030	41.056	ng		96
34) Hexachlorobutadiene	10.928	225	526342	37.700	ng		98
35) Caprolactam	11.522	113	340465	47.294	ng		88
36) 4-Chloro-3-methylphenol	11.863	107	1067240	44.485	ng		100
37) 2-Methylnaphthalene	12.252	142	1832316	39.657	ng		99
38) 1-Methylnaphthalene	12.469	142	1805763	39.627	ng		98
40) 1,2,4,5-Tetrachloroben...	12.622	216	981946	37.545	ng		99
41) Hexachlorocyclopentadiene	12.604	237	313547	37.827	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	657602	45.265	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	756821	46.888	ng		97
46) 1,1'-Biphenyl	13.269	154	2414888	38.239	ng		98
47) 2-Chloronaphthalene	13.304	162	1891481	38.471	ng		98
48) 2-Nitroaniline	13.504	65	642364	46.764	ng		87
49) Acenaphthylene	14.163	152	2859765	39.567	ng		100
50) Dimethylphthalate	13.893	163	2471054	41.338	ng		100
51) 2,6-Dinitrotoluene	14.004	165	562223	46.734	ng		93
52) Acenaphthene	14.510	154	1978337m	41.716	ng		
53) 3-Nitroaniline	14.340	138	592561	49.817	ng	#	87
54) 2,4-Dinitrophenol	14.546	184	270205	69.291	ng		90
55) Dibenzofuran	14.845	168	2885664	39.555	ng		98
56) 4-Nitrophenol	14.651	139	535009	55.618	ng		87
57) 2,4-Dinitrotoluene	14.804	165	795469	51.457	ng		86
58) Fluorene	15.504	166	2355419	39.301	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	661450	48.280	ng		97
60) Diethylphthalate	15.281	149	2553202	41.628	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	1187422	38.329	ng		99
62) 4-Nitroaniline	15.510	138	634770	51.838	ng		93
63) Azobenzene	15.798	77	2697770	35.782	ng		96
65) 4,6-Dinitro-2-methylph...	15.587	198	405221	60.270	ng		93
66) n-Nitrosodiphenylamine	15.716	169	2047275	37.381	ng		100
67) 4-Bromophenyl-phenylether	16.416	248	807844	37.349	ng		99
68) Hexachlorobenzene	16.534	284	965015	37.754	ng		99
69) Atrazine	16.698	200	658003	34.994	ng		99
70) Pentachlorophenol	16.887	266	686649	49.218	ng		99
71) Phenanthrene	17.298	178	3845941	39.131	ng		99
72) Anthracene	17.387	178	3783669	39.254	ng		100
73) Carbazole	17.663	167	3872999	41.693	ng		99
74) Di-n-butylphthalate	18.263	149	4796454	42.043	ng		99
75) Fluoranthene	19.381	202	5107958	42.357	ng		99
77) Benzidine	19.575	184	2070199	40.898	ng		100
78) Pyrene	19.757	202	5368768	37.717	ng		99
80) Butylbenzylphthalate	20.710	149	2329583	43.488	ng		95
81) Benzo(a)anthracene	21.698	228	5297512	38.750	ng		100
82) 3,3'-Dichlorobenzidine	21.616	252	1934960	44.144	ng		100
83) Chrysene	21.769	228	5105201	39.552	ng		100
84) Bis(2-ethylhexyl)phtha...	21.651	149	3564928	44.120	ng		99
85) Di-n-octyl phthalate	22.963	149	6240578	44.373	ng		98
87) Indeno(1,2,3-cd)pyrene	29.057	276	6472968m	39.480	ng		
88) Benzo(b)fluoranthene	24.057	252	5809629	39.993	ng		99
89) Benzo(k)fluoranthene	24.133	252	5490312	38.744	ng		99
90) Benzo(a)pyrene	24.980	252	5072304	40.237	ng		99
91) Dibenzo(a,h)anthracene	29.133	278	5317596	39.035	ng		99
92) Benzo(g,h,i)perylene	30.262	276	5417561	39.678	ng		99

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

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