Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021988.D
Acq On : 23 Sep 2024 18:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 19:18:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	136868	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	561552	20.000	ng		0.00
39) Acenaphthene-d10	14.322	164	430714	20.000	ng		0.00
64) Phenanthrene-d10	17.122	188	1012912	20.000	ng		-0.02
76) Chrysene-d12	21.557	240	1147410	20.000	ng		0.00
86) Perylene-d12	24.845	264	1296534	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	567917	77.978	ng		0.00
7) Phenol-d6	6.893	99	772678	81.724	ng		0.00
23) Nitrobenzene-d5	8.852	82	852155	80.296	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	645585	80.850	ng		-0.02
45) 2-Fluorobiphenyl	12.934	172	2279481	77.256	ng		0.00
79) Terphenyl-d14	19.851	244	4912640	80.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	112513	37.204	ng		99
3) Pyridine	3.652	79	313276m	38.841	ng		
4) n-Nitrosodimethylamine	3.564	42	163882	38.518	ng		96
6) Aniline	7.046	93	339057	40.810	ng		98
8) 2-Chlorophenol	7.281	128	313689	40.280	ng		96
9) Benzaldehyde	6.863	77	215666	43.625	ng		98
10) Phenol	6.922	94	385513	41.053	ng		97
11) bis(2-Chloroethyl)ether	7.140	93	288066	40.724	ng		99
12) 1,3-Dichlorobenzene	7.605	146	392436	39.914	ng		99
13) 1,4-Dichlorobenzene	7.746	146	395196	39.634	ng		98
14) 1,2-Dichlorobenzene	8.057	146	379444	39.648	ng		99
15) Benzyl Alcohol	7.946	79	310369	42.804	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	321335	42.592	ng		98
17) 2-Methylphenol	8.152	107	270332	42.614	ng		99
18) Hexachloroethane	8.781	117	147856	40.327	ng		99
19) n-Nitroso-di-n-propyla...	8.510	70	260092	44.259	ng		99
20) 3+4-Methylphenols	8.475	107	382462	42.708	ng		99
22) Acetophenone	8.522	105	527627	38.517	ng	#	97
24) Nitrobenzene	8.893	77	427309	39.649	ng		99
25) Isophorone	9.416	82	709896	40.573	ng		99
26) 2-Nitrophenol	9.599	139	186282	39.531	ng		98
27) 2,4-Dimethylphenol	9.657	122	219131	40.160	ng		99
28) bis(2-Chloroethoxy)met...	9.887	93	430501	41.036	ng		99
29) 2,4-Dichlorophenol	10.128	162	374155	40.399	ng		97
30) 1,2,4-Trichlorobenzene	10.340	180	444337	38.517	ng		99
31) Naphthalene	10.522	128	1110903	39.646	ng		100
32) Benzoic acid	9.816	122	264563	41.473	ng		99
33) 4-Chloroaniline	10.634	127	402111	39.785	ng		99
34) Hexachlorobutadiene	10.810	225	346331	38.375	ng		98
35) Caprolactam	11.422	113	115036	41.736	ng		97
36) 4-Chloro-3-methylphenol	11.757	107	410381	41.301	ng		98
37) 2-Methylnaphthalene	12.134	142	831401	40.555	ng		99
38) 1-Methylnaphthalene	12.345	142	824912	40.755	ng		98
40) 1,2,4,5-Tetrachloroben...	12.504	216	588800	39.073	ng		99
41) Hexachlorocyclopentadiene	12.481	237	214866	38.376	ng		98
43) 2,4,6-Trichlorophenol	12.745	196	361855	39.123	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	418179	40.304	ng	99
46) 1,1'-Biphenyl	13.145	154	1160482	39.516	ng	99
47) 2-Chloronaphthalene	13.187	162	925536	38.976	ng	98
48) 2-Nitroaniline	13.392	65	274072	42.268	ng	99
49) Acenaphthylene	14.040	152	1339346	39.971	ng	98
50) Dimethylphthalate	13.781	163	1212531	38.815	ng	100
51) 2,6-Dinitrotoluene	13.892	165	279148	40.102	ng	98
52) Acenaphthene	14.381	154	869110	39.854	ng	99
53) 3-Nitroaniline	14.228	138	248774	40.101	ng	97
54) 2,4-Dinitrophenol	14.434	184	166353	40.788	ng	96
55) Dibenzofuran	14.722	168	1440547	39.300	ng	98
56) 4-Nitrophenol	14.545	139	224444	41.565	ng	95
57) 2,4-Dinitrotoluene	14.687	165	408015	41.463	ng	96
58) Fluorene	15.387	166	1198990	39.169	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	400587	40.004	ng	99
60) Diethylphthalate	15.169	149	1273309	40.112	ng	99
61) 4-Chlorophenyl-phenyle...	15.381	204	699146	39.231	ng	99
62) 4-Nitroaniline	15.410	138	280195	41.074	ng	97
63) Azobenzene	15.681	77	1060783	40.381	ng	98
65) 4,6-Dinitro-2-methylph...	15.469	198	245557	41.825	ng	98
66) n-Nitrosodiphenylamine	15.604	169	1029297	40.811	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	488225	41.348	ng	93
68) Hexachlorobenzene	16.410	284	598882	40.681	ng	99
69) Atrazine	16.581	200	300662	33.272	ng	99
70) Pentachlorophenol	16.763	266	406838	41.077	ng	99
71) Phenanthrene	17.169	178	1946313	40.028	ng	99
72) Anthracene	17.263	178	1918760	40.765	ng	99
73) Carbazole	17.545	167	1848764	40.667	ng	99
74) Di-n-butylphthalate	18.139	149	2203196	41.264	ng	99
75) Fluoranthene	19.257	202	2713757	39.986	ng	99
77) Benzidine	19.451	184	883706	63.023	ng	99
78) Pyrene	19.627	202	2796891	40.294	ng	100
80) Butylbenzylphthalate	20.586	149	1026167	41.450	ng	97
81) Benzo(a)anthracene	21.539	228	2899628	39.328	ng	100
82) 3,3'-Dichlorobenzidine	21.457	252	1098890	41.079	ng	99
83) Chrysene	21.604	228	2743123	39.516	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	1493500	41.104	ng	100
85) Di-n-octyl phthalate	22.721	149	2521809	40.864	ng	100
87) Indeno(1,2,3-cd)pyrene	28.592	276	3401573	39.447	ng	100
88) Benzo(b)fluoranthene	23.804	252	3146455	41.035	ng	99
89) Benzo(k)fluoranthene	23.868	252	2895064	39.896	ng	98
90) Benzo(a)pyrene	24.698	252	2670636	40.431	ng	100
91) Dibenzo(a,h)anthracene	28.645	278	2791251	39.220	ng	100
92) Benzo(g,h,i)perylene	29.745	276	2894534	39.704	ng	100

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

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