Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021959.D
Acq On : 20 Sep 2024 09:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 20 10:59:33 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

09/20/2024
Supervised By :mohammad ahmed

09/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	64815	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	257133	20.000	ng		0.00
39) Acenaphthene-d10	14.322	164	203518	20.000	ng		0.00
64) Phenanthrene-d10	17.122	188	529803	20.000	ng		-0.02
76) Chrysene-d12	21.551	240	713698	20.000	ng		-0.01
86) Perylene-d12	24.839	264	895644	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	272941	79.138	ng		0.00
7) Phenol-d6	6.893	99	346481	77.385	ng		0.00
23) Nitrobenzene-d5	8.852	82	385369	79.302	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	326887	86.639	ng		-0.02
45) 2-Fluorobiphenyl	12.934	172	1080773	77.520	ng		0.00
79) Terphenyl-d14	19.851	244	2865578	75.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	55862	39.006	ng		97
3) Pyridine	3.658	79	148011	38.751	ng		94
4) n-Nitrosodimethylamine	3.564	42	90113	44.724	ng		88
6) Aniline	7.052	93	152080	38.654	ng		98
8) 2-Chlorophenol	7.287	128	144751	39.250	ng		97
9) Benzaldehyde	6.863	77	89650	38.294	ng		97
10) Phenol	6.922	94	171334	38.528	ng		94
11) bis(2-Chloroethyl)ether	7.146	93	127734	38.132	ng		98
12) 1,3-Dichlorobenzene	7.605	146	185429	39.825	ng		99
13) 1,4-Dichlorobenzene	7.746	146	186741	39.548	ng		97
14) 1,2-Dichlorobenzene	8.057	146	182076	40.175	ng		99
15) Benzyl Alcohol	7.952	79	139648	40.669	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.240	45	132752	37.156	ng		99
17) 2-Methylphenol	8.152	107	121558	40.464	ng		96
18) Hexachloroethane	8.781	117	70229	40.448	ng		98
19) n-Nitroso-di-n-propyla...	8.510	70	112635	40.474	ng		93
20) 3+4-Methylphenols	8.475	107	171216	40.373	ng		98
22) Acetophenone	8.522	105	237750	37.903	ng	#	95
24) Nitrobenzene	8.893	77	193674	39.246	ng		98
25) Isophorone	9.422	82	302101	37.708	ng		99
26) 2-Nitrophenol	9.599	139	85488	39.619	ng		98
27) 2,4-Dimethylphenol	9.663	122	97486	39.018	ng		98
28) bis(2-Chloroethoxy)met...	9.893	93	178838	37.229	ng		99
29) 2,4-Dichlorophenol	10.128	162	170109	40.112	ng		94
30) 1,2,4-Trichlorobenzene	10.340	180	209172	39.598	ng		100
31) Naphthalene	10.528	128	506903	39.508	ng		99
32) Benzoic acid	9.799	122	116479	39.877	ng		97
33) 4-Chloroaniline	10.634	127	187517	40.518	ng		99
34) Hexachlorobutadiene	10.816	225	163781	39.633	ng		98
35) Caprolactam	11.410	113	50481	39.998	ng		96
36) 4-Chloro-3-methylphenol	11.757	107	186708	41.037	ng		97
37) 2-Methylnaphthalene	12.128	142	382340	40.730	ng		99
38) 1-Methylnaphthalene	12.351	142	374592	40.417	ng		100
40) 1,2,4,5-Tetrachloroben...	12.498	216	274916	38.610	ng		100
41) Hexachlorocyclopentadiene	12.487	237	101344	38.307	ng		96
43) 2,4,6-Trichlorophenol	12.746	196	167704	38.373	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	188853	38.521	ng	98
46) 1,1'-Biphenyl	13.145	154	535066	38.559	ng	100
47) 2-Chloronaphthalene	13.187	162	435862	38.846	ng	99
48) 2-Nitroaniline	13.393	65	129677	42.325	ng	98
49) Acenaphthylene	14.040	152	626891	39.594	ng	99
50) Dimethylphthalate	13.781	163	573482	38.852	ng	99
51) 2,6-Dinitrotoluene	13.898	165	128696	39.127	ng	98
52) Acenaphthene	14.392	154	411056	39.892	ng	99
53) 3-Nitroaniline	14.228	138	117248	39.998	ng	99
54) 2,4-Dinitrophenol	14.434	184	79315	41.157	ng	96
55) Dibenzofuran	14.728	168	701711	40.514	ng	99
56) 4-Nitrophenol	14.545	139	107748	42.229	ng	94
57) 2,4-Dinitrotoluene	14.692	165	193665	41.650	ng	98
58) Fluorene	15.387	166	600912	41.545	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	200074	42.285	ng	99
60) Diethylphthalate	15.157	149	612418	40.829	ng	100
61) 4-Chlorophenyl-phenyle...	15.387	204	344750	40.940	ng	99
62) 4-Nitroaniline	15.404	138	141768	43.982	ng	93
63) Azobenzene	15.687	77	532398	42.892	ng	98
65) 4,6-Dinitro-2-methylph...	15.469	198	122536	39.903	ng	95
66) n-Nitrosodiphenylamine	15.604	169	514925	39.033	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	242360	39.242	ng	98
68) Hexachlorobenzene	16.416	284	307222	39.899	ng	99
69) Atrazine	16.581	200	165160	34.943	ng	98
70) Pentachlorophenol	16.769	266	211661	40.858	ng	97
71) Phenanthrene	17.163	178	1043968	41.049	ng	98
72) Anthracene	17.257	178	1007455	40.922	ng	99
73) Carbazole	17.539	167	990608	41.660	ng	99
74) Di-n-butylphthalate	18.128	149	1137910	40.746	ng	99
75) Fluoranthene	19.251	202	1516290	42.714	ng	99
77) Benzidine	19.451	184	753322	86.373	ng	99
78) Pyrene	19.627	202	1630565	37.767	ng	100
80) Butylbenzylphthalate	20.586	149	577763	37.520	ng	99
81) Benzo(a)anthracene	21.533	228	1796540	39.175	ng	100
82) 3,3'-Dichlorobenzidine	21.457	252	686911	41.283	ng	99
83) Chrysene	21.598	228	1716648	39.757	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	853500	37.765	ng	100
85) Di-n-octyl phthalate	22.727	149	1492864	38.891	ng	100
87) Indeno(1,2,3-cd)pyrene	28.568	276	2417496m	40.583	ng	
88) Benzo(b)fluoranthene	23.804	252	2068734	39.056	ng	99
89) Benzo(k)fluoranthene	23.868	252	1945499	38.811	ng	99
90) Benzo(a)pyrene	24.692	252	1793833	39.312	ng	100
91) Dibenzo(a,h)anthracene	28.651	278	1965425	39.977	ng	98
92) Benzo(g,h,i)perylene	29.733	276	2072147	41.146	ng	99

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

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