Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090624\
Data File : BP021853.D
Acq On : 06 Sep 2024 15:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 23:47:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 06 23:39:07 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	225424	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	910483	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	746137	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1631213	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1538617	20.000	ng		0.00
86) Perylene-d12	24.957	264	1766370	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1873459	116.946	ng		0.00
7) Phenol-d6	6.946	99	2298750	107.788	ng		0.00
23) Nitrobenzene-d5	8.910	82	1871966	95.711	ng		0.00
42) 2,4,6-Tribromophenol	15.892	330	864030	97.707	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	4511652	96.888	ng		0.00
79) Terphenyl-d14	19.892	244	7225379	96.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	405103	56.744	ng		99
3) Pyridine	3.699	79	1129917	58.564	ng		98
4) n-Nitrosodimethylamine	3.605	42	375805	57.666	ng		100
6) Aniline	7.099	93	1019595	53.137	ng		100
8) 2-Chlorophenol	7.340	128	780865	52.275	ng		99
9) Benzaldehyde	6.910	77	623940	50.429	ng		99
10) Phenol	6.969	94	1137458	53.051	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	936124	54.903	ng		98
12) 1,3-Dichlorobenzene	7.657	146	797163	48.029	ng		99
13) 1,4-Dichlorobenzene	7.805	146	800694	47.795	ng		99
14) 1,2-Dichlorobenzene	8.116	146	756552	47.331	ng		100
15) Benzyl Alcohol	7.999	79	700243	47.876	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	713737	45.798	ng		100
17) 2-Methylphenol	8.204	107	674193	47.917	ng		99
18) Hexachloroethane	8.840	117	331718	48.167	ng		96
19) n-Nitroso-di-n-propyla...	8.563	70	553191	45.614	ng		95
20) 3+4-Methylphenols	8.528	107	947335	48.345	ng		99
22) Acetophenone	8.581	105	1281103	47.613	ng	#	99
24) Nitrobenzene	8.952	77	924936	46.747	ng		96
25) Isophorone	9.475	82	1649310	48.492	ng		98
26) 2-Nitrophenol	9.657	139	373028	52.196	ng		96
27) 2,4-Dimethylphenol	9.722	122	497215	50.850	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	1061134	47.317	ng		99
29) 2,4-Dichlorophenol	10.193	162	671374	51.074	ng		98
30) 1,2,4-Trichlorobenzene	10.404	180	724195	48.321	ng		100
31) Naphthalene	10.593	128	2292194	48.239	ng		100
32) Benzoic acid	9.857	122	495500	51.551	ng		97
33) 4-Chloroaniline	10.693	127	879820	49.789	ng		99
34) Hexachlorobutadiene	10.881	225	468307	50.338	ng		99
35) Caprolactam	11.493	113	285583	50.858	ng		97
36) 4-Chloro-3-methylphenol	11.822	107	956804	52.170	ng		99
37) 2-Methylnaphthalene	12.198	142	1600364	51.403	ng		98
38) 1-Methylnaphthalene	12.416	142	1895555	58.548	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	995524	48.779	ng		100
41) Hexachlorocyclopentadiene	12.545	237	292740	52.429	ng		97
43) 2,4,6-Trichlorophenol	12.804	196	684702	50.259	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	764503	49.562	ng	100
46) 1,1'-Biphenyl	13.210	154	2521401	48.615	ng	99
47) 2-Chloronaphthalene	13.245	162	1969156	48.551	ng	99
48) 2-Nitroaniline	13.451	65	694951	51.779	ng	98
49) Acenaphthylene	14.104	152	2961237	49.617	ng	100
50) Dimethylphthalate	13.839	163	2473255	48.323	ng	100
51) 2,6-Dinitrotoluene	13.951	165	571773	50.589	ng	99
52) Acenaphthene	14.451	154	1877211	48.912	ng	100
53) 3-Nitroaniline	14.287	138	606422	51.780	ng	100
54) 2,4-Dinitrophenol	14.492	184	260182	48.020	ng	98
55) Dibenzofuran	14.787	168	2951729	48.227	ng	99
56) 4-Nitrophenol	14.604	139	532684	52.386	ng	99
57) 2,4-Dinitrotoluene	14.745	165	806189	52.051	ng	98
58) Fluorene	15.445	166	2398869	48.899	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	655530	48.887	ng	99
60) Diethylphthalate	15.216	149	2552760	49.264	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1163183	48.544	ng	97
62) 4-Nitroaniline	15.463	138	634099	51.570	ng	96
63) Azobenzene	15.734	77	2829264	50.076	ng	99
65) 4,6-Dinitro-2-methylph...	15.522	198	404151	49.946	ng	92
66) n-Nitrosodiphenylamine	15.657	169	2071114	48.780	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	754770	49.405	ng	99
68) Hexachlorobenzene	16.469	284	894676	48.901	ng	96
69) Atrazine	16.633	200	405710	38.027	ng	97
70) Pentachlorophenol	16.822	266	629238	50.807	ng	98
71) Phenanthrene	17.222	178	3752260	47.446	ng	100
72) Anthracene	17.316	178	3680246	48.359	ng	99
73) Carbazole	17.586	167	3770040	48.638	ng	99
74) Di-n-butylphthalate	18.180	149	4488233	50.590	ng	99
75) Fluoranthene	19.304	202	4745280	48.148	ng	100
77) Benzidine	19.498	184	1474321	51.986	ng	100
78) Pyrene	19.674	202	4826248	47.548	ng	100
80) Butylbenzylphthalate	20.616	149	2051597	50.227	ng	98
81) Benzo(a)anthracene	21.592	228	4672261	48.047	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	1633872	49.719	ng	99
83) Chrysene	21.663	228	4459974	48.256	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	2931677	50.320	ng	100
85) Di-n-octyl phthalate	22.816	149	5023916	52.074	ng	100
87) Indeno(1,2,3-cd)pyrene	28.762	276	5361724m	47.325	ng	
88) Benzo(b)fluoranthene	23.898	252	5002268	49.446	ng	100
89) Benzo(k)fluoranthene	23.968	252	4664053	47.990	ng	98
90) Benzo(a)pyrene	24.804	252	4345714	50.197	ng	99
91) Dibenzo(a,h)anthracene	28.833	278	4408579	47.274	ng	99
92) Benzo(g,h,i)perylene	29.903	276	4638207m	47.743	ng	

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

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