Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021487.D
Acq On : 13 Aug 2024 16:53
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 23:48:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 23:44:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	382208	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	1539217	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	953193	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	1991489	20.000	ng		0.00
76) Chrysene-d12	21.710	240	1907005	20.000	ng		0.01
86) Perylene-d12	25.121	264	2191159	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	3212821	124.817	ng		0.00
7) Phenol-d6	6.963	99	4582988	122.053	ng		0.00
23) Nitrobenzene-d5	8.957	82	4024825	134.966	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1401053	132.067	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	7484438	119.833	ng		0.00
79) Terphenyl-d14	19.986	244	11374626	115.877	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	739240	60.569	ng		99
3) Pyridine	3.705	79	2102990m	61.723	ng		
4) n-Nitrosodimethylamine	3.622	42	625716	61.099	ng		99
6) Aniline	7.134	93	2239942	59.670	ng		100
8) 2-Chlorophenol	7.375	128	1472845	61.917	ng		98
9) Benzaldehyde	6.946	77	1212390	50.428	ng		98
10) Phenol	6.993	94	2381743	61.254	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	1938063	58.905	ng		99
12) 1,3-Dichlorobenzene	7.699	146	1682261	59.538	ng		100
13) 1,4-Dichlorobenzene	7.846	146	1709124	59.904	ng		99
14) 1,2-Dichlorobenzene	8.157	146	1624118	59.070	ng		100
15) Benzyl Alcohol	8.034	79	1647924	61.166	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1756837	57.982	ng		100
17) 2-Methylphenol	8.234	107	1477294	60.098	ng		99
18) Hexachloroethane	8.893	117	704431	61.570	ng		99
19) n-Nitroso-di-n-propyla...	8.610	70	1457549	56.194	ng		99
20) 3+4-Methylphenols	8.563	107	2028575	61.202	ng		99
22) Acetophenone	8.616	105	2813557	59.500	ng	#	99
24) Nitrobenzene	8.999	77	2126322	65.650	ng		98
25) Isophorone	9.522	82	4092218	58.086	ng		99
26) 2-Nitrophenol	9.704	139	554873	60.117	ng		99
27) 2,4-Dimethylphenol	9.763	122	1074335	61.792	ng		97
28) bis(2-Chloroethoxy)met...	10.004	93	2556281	59.443	ng		100
29) 2,4-Dichlorophenol	10.234	162	1331749	64.829	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	1609924	61.128	ng		98
31) Naphthalene	10.646	128	4829277	60.059	ng		99
32) Benzoic acid	9.904	122	775935	61.192	ng		99
33) 4-Chloroaniline	10.746	127	1798121	59.532	ng		99
34) Hexachlorobutadiene	10.940	225	1011679	61.008	ng		99
35) Caprolactam	11.510	113	522232	61.084	ng		98
36) 4-Chloro-3-methylphenol	11.863	107	1746318	61.283	ng		98
37) 2-Methylnaphthalene	12.257	142	3238044	59.003	ng		99
38) 1-Methylnaphthalene	12.475	142	3163697	58.451	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1762492	63.107	ng		100
41) Hexachlorocyclopentadiene	12.622	237	610821	69.006	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	1050099	67.687	ng		99

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44) 2,4,5-Trichlorophenol	12.934	196	1165351	67.609	ng		98
46) 1,1'-Biphenyl	13.275	154	4097218	60.754	ng		100
47) 2-Chloronaphthalene	13.316	162	3228869	61.498	ng		99
48) 2-Nitroaniline	13.504	65	940456	62.204	ng		99
49) Acenaphthylene	14.175	152	4669645	60.501	ng		100
50) Dimethylphthalate	13.904	163	3832687	60.041	ng		100
51) 2,6-Dinitrotoluene	14.016	165	805457	61.336	ng		99
52) Acenaphthene	14.522	154	3066208	60.546	ng		98
53) 3-Nitroaniline	14.345	138	797905	61.781	ng		99
54) 2,4-Dinitrophenol	14.545	184	242951	61.764	ng		95
55) Dibenzofuran	14.857	168	4594089	58.970	ng		99
56) 4-Nitrophenol	14.639	139	644221	62.066	ng		93
57) 2,4-Dinitrotoluene	14.816	165	1034061	61.548	ng	#	94
58) Fluorene	15.522	166	3759913	58.748	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	973647	66.550	ng		99
60) Diethylphthalate	15.292	149	3911032	59.713	ng		100
61) 4-Chlorophenyl-phenyle...	15.528	204	1945714	58.814	ng		97
62) 4-Nitroaniline	15.534	138	824354	62.407	ng		98
63) Azobenzene	15.822	77	4711824	58.524	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	410096	61.846	ng		98
66) n-Nitrosodiphenylamine	15.734	169	3192615	59.821	ng		100
67) 4-Bromophenyl-phenylether	16.433	248	1286048	61.016	ng		97
68) Hexachlorobenzene	16.551	284	1505847	60.456	ng		100
69) Atrazine	16.710	200	1088343	59.397	ng		99
70) Pentachlorophenol	16.892	266	899879	66.192	ng		99
71) Phenanthrene	17.292	178	5685784	59.366	ng		100
72) Anthracene	17.392	178	5636907	60.013	ng		100
73) Carbazole	17.675	167	5454823	60.260	ng		99
74) Di-n-butylphthalate	18.269	149	6834417	61.477	ng		100
75) Fluoranthene	19.380	202	7044903	59.949	ng		99
77) Benzidine	19.569	184	2334836	54.599	ng		100
78) Pyrene	19.757	202	7263907	58.277	ng		100
80) Butylbenzylphthalate	20.710	149	2906885	60.438	ng		98
81) Benzo(a)anthracene	21.692	228	7119658	59.472	ng		99
82) 3,3'-Dichlorobenzidine	21.598	252	2455338	63.969	ng		100
83) Chrysene	21.757	228	6762569	59.831	ng		99
84) Bis(2-ethylhexyl)phtha...	21.645	149	4576797	64.685	ng		100
85) Di-n-octyl phthalate	22.968	149	7622203	59.983	ng		99
87) Indeno(1,2,3-cd)pyrene	28.998	276	9100343m	64.078	ng		
88) Benzo(b)fluoranthene	24.045	252	7812709	62.083	ng		99
89) Benzo(k)fluoranthene	24.121	252	7561966	61.599	ng		99
90) Benzo(a)pyrene	24.974	252	6839630	62.630	ng		99
91) Dibenzo(a,h)anthracene	29.103	278	7520005	63.721	ng		100
92) Benzo(g,h,i)perylene	30.203	276	7563028	63.940	ng		100

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

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