Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052824\
Data File : BP020463.D
Acq On : 28 May 2024 15:37
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 29 01:30:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 01:22:02 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	332321	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1319600	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	772101	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1369205	20.000	ng		0.01
76) Chrysene-d12	21.669	240	1082909	20.000	ng		0.00
86) Perylene-d12	25.051	264	1330327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1839298	97.399	ng		0.00
7) Phenol-d6	6.934	99	2492977	96.528	ng		0.00
23) Nitrobenzene-d5	8.922	82	2379749	100.592	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	703268	96.599	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	5168912	97.245	ng		0.00
79) Terphenyl-d14	19.951	244	5556413	86.898	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	374419	48.071	ng		99
3) Pyridine	3.717	79	1026292m	47.869	ng		
4) n-Nitrosodimethylamine	3.634	42	506380	48.420	ng		100
6) Aniline	7.105	93	1247717	48.302	ng		99
8) 2-Chlorophenol	7.334	128	987067	48.110	ng		99
9) Benzaldehyde	6.922	77	641639	48.560	ng		99
10) Phenol	6.958	94	1287586	48.737	ng		99
11) bis(2-Chloroethyl)ether	7.205	93	1036389	47.753	ng		99
12) 1,3-Dichlorobenzene	7.658	146	1173167	47.754	ng		99
13) 1,4-Dichlorobenzene	7.805	146	1190245	47.815	ng		99
14) 1,2-Dichlorobenzene	8.116	146	1128099	47.497	ng		100
15) Benzyl Alcohol	7.999	79	903010	49.033	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1543683m	47.572	ng		
17) 2-Methylphenol	8.199	107	844790	48.175	ng		100
18) Hexachloroethane	8.834	117	435184	48.550	ng		95
19) n-Nitroso-di-n-propyla...	8.569	70	809243	47.118	ng		99
20) 3+4-Methylphenols	8.522	107	1152767	48.670	ng		99
22) Acetophenone	8.581	105	1551547	47.576	ng	#	99
24) Nitrobenzene	8.963	77	1201588	49.769	ng		100
25) Isophorone	9.475	82	2193729	48.219	ng		99
26) 2-Nitrophenol	9.663	139	435584	50.340	ng		99
27) 2,4-Dimethylphenol	9.716	122	675968	48.406	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	1369481	48.478	ng		99
29) 2,4-Dichlorophenol	10.181	162	931438	50.238	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	1094467	48.576	ng		99
31) Naphthalene	10.587	128	3232654	47.950	ng		99
32) Benzoic acid	9.852	122	544849	47.399	ng		97
33) 4-Chloroaniline	10.704	127	1212787	48.233	ng		99
34) Hexachlorobutadiene	10.869	225	686286	48.805	ng		99
35) Caprolactam	11.487	113	282577	47.145	ng		99
36) 4-Chloro-3-methylphenol	11.816	107	1001138	48.634	ng		99
37) 2-Methylnaphthalene	12.204	142	2180298	47.368	ng		98
38) 1-Methylnaphthalene	12.422	142	2172502	47.846	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	1158704	50.340	ng		100
41) Hexachlorocyclopentadiene	12.551	237	432666	53.994	ng		98
43) 2,4,6-Trichlorophenol	12.810	196	716503	53.214	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	777022	50.955	ng	99
46) 1,1'-Biphenyl	13.228	154	2758721	49.297	ng	99
47) 2-Chloronaphthalene	13.263	162	2170170	48.818	ng	99
48) 2-Nitroaniline	13.463	65	577373	56.820	ng	98
49) Acenaphthylene	14.116	152	3117281	48.239	ng	100
50) Dimethylphthalate	13.863	163	2441566	47.258	ng	100
51) 2,6-Dinitrotoluene	13.975	165	544640	51.234	ng	97
52) Acenaphthene	14.463	154	2047167	48.636	ng	99
53) 3-Nitroaniline	14.310	138	524399	50.514	ng	95
54) 2,4-Dinitrophenol	14.504	184	158109	46.972	ng	96
55) Dibenzofuran	14.810	168	3001458	47.312	ng	100
56) 4-Nitrophenol	14.610	139	388163	48.185	ng	98
57) 2,4-Dinitrotoluene	14.769	165	661243	45.125	ng	97
58) Fluorene	15.475	166	2317443	46.610	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	589280	49.770	ng	99
60) Diethylphthalate	15.257	149	2339003	45.642	ng	98
61) 4-Chlorophenyl-phenyle...	15.469	204	1214893	47.468	ng	99
62) 4-Nitroaniline	15.492	138	495132	49.148	ng	100
63) Azobenzene	15.775	77	2299877	46.385	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	236909	48.216	ng	96
66) n-Nitrosodiphenylamine	15.692	169	1946649	49.008	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	704640	49.009	ng	96
68) Hexachlorobenzene	16.492	284	822249	49.148	ng	99
69) Atrazine	16.669	200	590990	47.226	ng	99
70) Pentachlorophenol	16.845	266	463182	50.871	ng	99
71) Phenanthrene	17.251	178	3218537	47.557	ng	100
72) Anthracene	17.351	178	3178255	48.117	ng	100
73) Carbazole	17.628	167	2885581	47.387	ng	100
74) Di-n-butylphthalate	18.245	149	3405622	48.829	ng	100
75) Fluoranthene	19.345	202	3494502	48.559	ng	100
77) Benzidine	19.557	184	1803183	60.110	ng	100
78) Pyrene	19.722	202	3639355	44.609	ng	100
80) Butylbenzylphthalate	20.692	149	1326677	47.729	ng	99
81) Benzo(a)anthracene	21.645	228	3450598	48.492	ng	100
82) 3,3'-Dichlorobenzidine	21.580	252	1210587	54.806	ng	100
83) Chrysene	21.716	228	3339926	49.437	ng	99
84) Bis(2-ethylhexyl)phtha...	21.621	149	2093063	54.287	ng	99
85) Di-n-octyl phthalate	22.927	149	3580444	52.320	ng	99
87) Indeno(1,2,3-cd)pyrene	28.874	276	4533028m	49.643	ng	
88) Benzo(b)fluoranthene	23.974	252	3853512	49.870	ng	100
89) Benzo(k)fluoranthene	24.051	252	3685166	48.993	ng	99
90) Benzo(a)pyrene	24.880	252	3422004	50.308	ng	99
91) Dibenzo(a,h)anthracene	28.974	278	3780578	49.872	ng	98
92) Benzo(g,h,i)perylene	30.068	276	3772469	49.091	ng	99

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

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