Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019463.D
Acq On : 29 Jan 2024 13:40
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 00:54:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:44:14 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	65626	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	283133	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	204650	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	473107	20.000	ng		0.00
76) Chrysene-d12	21.416	240	409004	20.000	ng		0.00
86) Perylene-d12	23.857	264	385810	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	41797	10.134	ng		0.00
7) Phenol-d6	7.093	99	61469	10.209	ng		0.00
23) Nitrobenzene-d5	9.099	82	66039	9.597	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	26706	9.525	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	158263	9.957	ng		0.00
79) Terphenyl-d14	19.892	244	272551	9.494	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	8197	5.294	ng		93
3) Pyridine	3.805	79	23087	5.066	ng		99
4) n-Nitrosodimethylamine	3.728	42	11792	4.697	ng	#	94
6) Aniline	7.258	93	31717	5.242	ng		97
8) 2-Chlorophenol	7.493	128	22664	5.134	ng		98
10) Phenol	7.122	94	29728	4.996	ng		98
11) bis(2-Chloroethyl)ether	7.369	93	23886	5.219	ng		95
12) 1,3-Dichlorobenzene	7.816	146	27454	5.297	ng		98
13) 1,4-Dichlorobenzene	7.969	146	28116	5.331	ng		98
14) 1,2-Dichlorobenzene	8.281	146	26642	5.239	ng		97
15) Benzyl Alcohol	8.175	79	25874	4.909	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.463	45	33380	5.377	ng		98
17) 2-Methylphenol	8.375	107	20710	5.035	ng		98
18) Hexachloroethane	9.005	117	11048	5.223	ng		99
19) n-Nitroso-di-n-propyla...	8.740	70	23507	5.172	ng		97
20) 3+4-Methylphenols	8.699	107	28604	4.998	ng		94
22) Acetophenone	8.758	105	43469	5.120	ng	#	99
24) Nitrobenzene	9.140	77	34732	4.959	ng		95
25) Isophorone	9.663	82	66539	5.140	ng		99
26) 2-Nitrophenol	9.852	139	10411	4.252	ng		88
27) 2,4-Dimethylphenol	9.905	122	16908	5.028	ng		98
28) bis(2-Chloroethoxy)met...	10.157	93	36430	5.312	ng		98
29) 2,4-Dichlorophenol	10.381	162	23977	4.954	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	28531	5.072	ng		99
31) Naphthalene	10.781	128	81038	5.130	ng		97
32) Benzoic acid	9.975	122	13497m	3.962	ng		
33) 4-Chloroaniline	10.899	127	30725	4.936	ng		99
34) Hexachlorobutadiene	11.057	225	20927	5.132	ng		92
35) Caprolactam	11.657	113	8836	5.140	ng		92
36) 4-Chloro-3-methylphenol	12.016	107	29950	4.870	ng		94
37) 2-Methylnaphthalene	12.387	142	58188	5.139	ng		97
38) 1-Methylnaphthalene	12.610	142	57424	5.127	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	34422	4.920	ng		99
41) Hexachlorocyclopentadiene	12.722	237	14420	4.568	ng		99
43) 2,4,6-Trichlorophenol	12.993	196	20775	4.623	ng		97
44) 2,4,5-Trichlorophenol	13.063	196	23002	4.557	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.404	154	78885	4.990	ng		95
47) 2-Chloronaphthalene	13.440	162	63544	4.948	ng		96
48) 2-Nitroaniline	13.651	65	19589	4.381	ng		97
49) Acenaphthylene	14.287	152	94054	4.948	ng		99
50) Dimethylphthalate	14.028	163	85398	5.099	ng	#	98
51) 2,6-Dinitrotoluene	14.151	165	17182	4.715	ng		95
52) Acenaphthene	14.628	154	58781	4.991	ng		94
53) 3-Nitroaniline	14.475	138	16385	4.724	ng	#	88
55) Dibenzofuran	14.963	168	97229	5.035	ng		98
56) 4-Nitrophenol	14.775	139	12434	4.388	ng		94
57) 2,4-Dinitrotoluene	14.934	165	22055	4.427	ng		99
58) Fluorene	15.616	166	80735	5.054	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	21079m	4.817	ng		
60) Diethylphthalate	15.398	149	89639	5.122	ng		98
61) 4-Chlorophenyl-phenyle...	15.616	204	43686	5.049	ng		95
62) 4-Nitroaniline	15.634	138	17878	4.817	ng		97
63) Azobenzene	15.910	77	89224	5.062	ng		99
66) n-Nitrosodiphenylamine	15.828	169	69476	4.912	ng		100
67) 4-Bromophenyl-phenylether	16.516	248	26147	4.816	ng		96
68) Hexachlorobenzene	16.610	284	30127	4.874	ng		98
69) Atrazine	16.792	200	27997	5.515	ng		97
70) Pentachlorophenol	16.963	266	17046	4.207	ng		98
71) Phenanthrene	17.363	178	126619	5.026	ng		99
72) Anthracene	17.451	178	125830	5.003	ng		99
73) Carbazole	17.728	167	118154	5.035	ng		99
74) Di-n-butylphthalate	18.292	149	146787	4.976	ng		99
75) Fluoranthene	19.333	202	158463	5.196	ng		99
77) Benzidine	19.516	184	45144	4.127	ng		97
78) Pyrene	19.680	202	165423	4.847	ng		99
80) Butylbenzylphthalate	20.580	149	63045	4.882	ng		95
81) Benzo(a)anthracene	21.404	228	149024	5.055	ng		98
82) 3,3'-Dichlorobenzidine	21.339	252	50691	5.115	ng		95
83) Chrysene	21.457	228	138422	5.034	ng		99
84) Bis(2-ethylhexyl)phtha...	21.351	149	88460	4.889	ng		99
85) Di-n-octyl phthalate	22.304	149	133657	4.678	ng	#	98
87) Indeno(1,2,3-cd)pyrene	26.404	276	118866	4.622	ng		98
88) Benzo(b)fluoranthene	23.110	252	127501	4.942	ng	#	98
89) Benzo(k)fluoranthene	23.163	252	124851m	5.077	ng		
90) Benzo(a)pyrene	23.745	252	108246	4.914	ng		97
91) Dibenzo(a,h)anthracene	26.433	278	99607	4.679	ng		98
92) Benzo(g,h,i)perylene	27.174	276	98298	4.639	ng		98

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

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