Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021584.D
Acq On : 20 Aug 2024 23:10
Operator : RC/JU
Sample : P3518-15MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 00:28:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	352459	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1409669	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	889773	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1972753	20.000	ng		0.01
76) Chrysene-d12	21.727	240	1896713	20.000	ng		0.03
86) Perylene-d12	25.163	264	2370127	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2082732	87.743	ng		0.00
7) Phenol-d6	6.975	99	2964656	85.618	ng		0.01
23) Nitrobenzene-d5	8.952	82	1678266	61.450	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	968632	97.814	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2513022	43.104	ng		0.00
79) Terphenyl-d14	19.992	244	3811513	39.040	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	421089	37.413	ng		99
3) Pyridine	3.711	79	1191272	37.915	ng		95
4) n-Nitrosodimethylamine	3.617	42	448743	47.517	ng		91
6) Aniline	7.128	93	1189373	34.358	ng		97
8) 2-Chlorophenol	7.375	128	1248927	56.936	ng		93
9) Benzaldehyde	6.946	77	73332m	3.308	ng		
10) Phenol	6.999	94	1865142	52.016	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	1395710	46.001	ng		96
12) 1,3-Dichlorobenzene	7.699	146	1277671	49.036	ng		95
13) 1,4-Dichlorobenzene	7.840	146	1303689	49.550	ng		98
14) 1,2-Dichlorobenzene	8.158	146	1252985	49.418	ng		99
15) Benzyl Alcohol	8.040	79	1236553	49.771	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1295806	46.377	ng		96
17) 2-Methylphenol	8.240	107	1177304	51.936	ng		98
18) Hexachloroethane	8.887	117	525329	49.791	ng		98
19) n-Nitroso-di-n-propyla...	8.605	70	951483	39.779	ng		96
20) 3+4-Methylphenols	8.569	107	1627837	53.257	ng		98
22) Acetophenone	8.622	105	1904489	43.977	ng	#	98
24) Nitrobenzene	8.999	77	1479932	49.892	ng		93
25) Isophorone	9.528	82	2799065	43.382	ng		97
26) 2-Nitrophenol	9.704	139	596197	66.329	ng		94
27) 2,4-Dimethylphenol	9.769	122	909389	57.112	ng		96
28) bis(2-Chloroethoxy)met...	10.004	93	1790734	45.468	ng		100
29) 2,4-Dichlorophenol	10.240	162	1135190	60.339	ng		96
30) 1,2,4-Trichlorobenzene	10.457	180	1179340	48.894	ng		97
31) Naphthalene	10.646	128	3602553	48.920	ng		100
32) Benzoic acid	9.904	122	832446	68.051	ng		92
33) 4-Chloroaniline	10.746	127	833151	30.119	ng		96
34) Hexachlorobutadiene	10.934	225	712895	46.941	ng		99
35) Caprolactam	11.528	113	414603	52.945	ng		89
36) 4-Chloro-3-methylphenol	11.875	107	1449587	55.545	ng		95
37) 2-Methylnaphthalene	12.257	142	2446091	48.669	ng		99
38) 1-Methylnaphthalene	12.481	142	2289218	46.182	ng		100
40) 1,2,4,5-Tetrachloroben...	12.634	216	1212132	46.494	ng		99
41) Hexachlorocyclopentadiene	12.616	237	930094	112.565	ng		98
43) 2,4,6-Trichlorophenol	12.869	196	915186	63.196	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	994671	61.820	ng		96
46) 1,1'-Biphenyl	13.275	154	2916888	46.335	ng		98
47) 2-Chloronaphthalene	13.316	162	2462613	50.246	ng		99
48) 2-Nitroaniline	13.510	65	845277	60.084	ng		88
49) Acenaphthylene	14.169	152	4047464	56.177	ng		100
50) Dimethylphthalate	13.904	163	3100427	52.032	ng		99
51) 2,6-Dinitrotoluene	14.016	165	678139	55.712	ng		92
52) Acenaphthene	14.516	154	2669937m	56.479	ng		
53) 3-Nitroaniline	14.340	138	611068	51.400	ng	#	91
54) 2,4-Dinitrophenol	14.557	184	620951	118.138	ng	#	86
55) Dibenzofuran	14.857	168	3762045	51.732	ng		98
56) 4-Nitrophenol	14.663	139	1323955	130.543	ng		87
57) 2,4-Dinitrotoluene	14.816	165	976431	62.202	ng	#	83
58) Fluorene	15.522	166	2954007	49.446	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	899114	65.836	ng		99
60) Diethylphthalate	15.287	149	3126379	51.135	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1475751	47.788	ng		98
62) 4-Nitroaniline	15.528	138	739375	60.078	ng		93
63) Azobenzene	15.816	77	3485962	46.384	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	459138	67.203	ng		98
66) n-Nitrosodiphenylamine	15.734	169	2681151	50.715	ng		99
67) 4-Bromophenyl-phenylether	16.434	248	1018508	48.782	ng		98
68) Hexachlorobenzene	16.551	284	1180160	47.831	ng		96
69) Atrazine	16.710	200	944488	52.035	ng		99
70) Pentachlorophenol	16.904	266	1577528	117.140	ng		99
71) Phenanthrene	17.304	178	5087653	53.625	ng		100
72) Anthracene	17.392	178	5059880	54.381	ng		99
73) Carbazole	17.675	167	4870735	54.319	ng		99
74) Di-n-butylphthalate	18.275	149	5694915	51.713	ng		100
75) Fluoranthene	19.392	202	6486619	55.723	ng		99
77) Benzidine	19.586	184	1732804	39.206	ng		100
78) Pyrene	19.769	202	6684541	53.919	ng		99
80) Butylbenzylphthalate	20.722	149	2710680	56.889	ng		96
81) Benzo(a)anthracene	21.710	228	6582900	55.287	ng		99
82) 3,3'-Dichlorobenzidine	21.627	252	1922301	50.353	ng		99
83) Chrysene	21.780	228	6142768	54.642	ng		100
84) Bis(2-ethylhexyl)phtha...	21.669	149	4057703	57.659	ng		100
85) Di-n-octyl phthalate	22.986	149	7034712	56.009	ng		97
87) Indeno(1,2,3-cd)pyrene	29.103	276	8742596	56.905	ng	#	93
88) Benzo(b)fluoranthene	24.092	252	7214997	53.004	ng		99
89) Benzo(k)fluoranthene	24.163	252	6709229	50.526	ng		100
90) Benzo(a)pyrene	25.015	252	6651373	56.307	ng		99
91) Dibenzo(a,h)anthracene	29.180	278	6899043	54.045	ng		99
92) Benzo(g,h,i)perylene	30.303	276	6809245	53.220	ng		99

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

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