Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139004.D
Acq On : 14 Aug 2024 20:16
Operator : RC/JU
Sample : P3466-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 15 01:12:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	32155	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	113510	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	51515	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	97165	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	61682	20.000	ng		0.00
86) Perylene-d12	15.462	264	47286	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	160599	77.098	ng		0.00
7) Phenol-d6	6.487	99	125860	45.003	ng		0.00
23) Nitrobenzene-d5	7.404	82	242476	104.440	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	66212	156.909	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	351717	102.583	ng		-0.02
79) Terphenyl-d14	12.939	244	421843	114.503	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	21000	23.027	ng	#	90
3) Pyridine	3.393	79	35046	15.864	ng	#	91
4) n-Nitrosodimethylamine	3.328	42	45113	34.287	ng		81
6) Aniline	6.504	93	55501	22.253	ng	#	73
8) 2-Chlorophenol	6.634	128	98124	44.773	ng		98
9) Benzaldehyde	6.398	77	4597	2.742	ng		95
10) Phenol	6.498	94	52572	17.854	ng	#	62
11) bis(2-Chloroethyl)ether	6.575	93	118877	52.462	ng		98
12) 1,3-Dichlorobenzene	6.775	146	104654	42.660	ng		96
13) 1,4-Dichlorobenzene	6.851	146	108298	43.743	ng		98
14) 1,2-Dichlorobenzene	7.004	146	102243	44.189	ng		98
15) Benzyl Alcohol	6.987	79	79848	39.613	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	192367	49.329	ng		73
17) 2-Methylphenol	7.110	107	63541	35.111	ng	#	78
18) Hexachloroethane	7.345	117	37259	39.980	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	90763	53.733	ng		98
20) 3+4-Methylphenols	7.263	107	74356	32.023	ng	#	69
22) Acetophenone	7.245	105	152042	54.705	ng		95
24) Nitrobenzene	7.422	77	126711	53.635	ng		98
25) Isophorone	7.663	82	220760	55.686	ng		98
26) 2-Nitrophenol	7.739	139	54623	53.741	ng		93
27) 2,4-Dimethylphenol	7.781	122	64344	52.910	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	127071	52.635	ng		100
29) 2,4-Dichlorophenol	7.992	162	75807	48.511	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	88221	48.920	ng		98
31) Naphthalene	8.139	128	289049	48.378	ng		99
32) Benzoic acid	7.898	122	10827	11.326	ng		90
33) 4-Chloroaniline	8.198	127	50121	24.990	ng		97
34) Hexachlorobutadiene	8.251	225	54091	49.521	ng		97
35) Caprolactam	8.563	113	4232	9.076	ng		95
36) 4-Chloro-3-methylphenol	8.681	107	78022	43.688	ng		98
37) 2-Methylnaphthalene	8.828	142	179168	47.482	ng		99
38) 1-Methylnaphthalene	8.928	142	162272	43.886	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	75412	52.698	ng		98
41) Hexachlorocyclopentadiene	8.975	237	8395	27.200	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	48377	55.446	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	49765	52.173	ng		98
46) 1,1'-Biphenyl	9.292	154	203844	50.524	ng		99
47) 2-Chloronaphthalene	9.316	162	160805	53.590	ng		98
48) 2-Nitroaniline	9.422	65	60441	59.416	ng		95
49) Acenaphthylene	9.733	152	240207	56.442	ng		99
50) Dimethylphthalate	9.592	163	191710	58.201	ng		100
51) 2,6-Dinitrotoluene	9.663	165	41777	56.199	ng		95
52) Acenaphthene	9.904	154	148246	51.819	ng		99
53) 3-Nitroaniline	9.833	138	32990	42.929	ng		95
54) 2,4-Dinitrophenol	9.957	184	17080	49.912	ng		86
55) Dibenzofuran	10.075	168	223960	55.458	ng		97
56) 4-Nitrophenol	10.022	139	16610	35.942	ng		84
57) 2,4-Dinitrotoluene	10.069	165	55418	58.431	ng	#	81
58) Fluorene	10.416	166	179589	55.844	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	40515	55.559	ng		95
60) Diethylphthalate	10.286	149	184795	59.168	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	87342	55.223	ng		96
62) 4-Nitroaniline	10.451	138	42471	58.155	ng	#	83
63) Azobenzene	10.569	77	193712	55.922	ng		96
65) 4,6-Dinitro-2-methylph...	10.480	198	16986	28.654	ng		92
66) n-Nitrosodiphenylamine	10.528	169	151630	49.925	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	50724	48.217	ng		98
68) Hexachlorobenzene	10.969	284	52847	48.653	ng		99
69) Atrazine	11.057	200	45975	58.672	ng		96
70) Pentachlorophenol	11.169	266	44341	90.567	ng		99
71) Phenanthrene	11.380	178	274991	54.963	ng		99
72) Anthracene	11.433	178	282138	57.242	ng		99
73) Carbazole	11.592	167	257719	60.606	ng		99
74) Di-n-butylphthalate	11.910	149	297984	62.335	ng		99
75) Fluoranthene	12.569	202	307805	65.900	ng		99
77) Benzidine	12.704	184	3914	2.653	ng		96
78) Pyrene	12.804	202	308391	53.102	ng		99
80) Butylbenzylphthalate	13.410	149	131691	70.812	ng		97
81) Benzo(a)anthracene	13.992	228	234539	55.217	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	55847	51.379	ng		100
83) Chrysene	14.027	228	201206	52.505	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	164690	60.475	ng		99
85) Di-n-octyl phthalate	14.574	149	233843	46.411	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	155066	45.760	ng		94
88) Benzo(b)fluoranthene	15.039	252	166247m	56.715	ng		
89) Benzo(k)fluoranthene	15.063	252	153438	60.458	ng		98
90) Benzo(a)pyrene	15.404	252	140901	57.146	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	127110	45.695	ng		97
92) Benzo(g,h,i)perylene	17.380	276	120309	41.679	ng		96

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

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