Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
Data File : BF138572.D
Acq On : 15 Jul 2024 17:11
Operator : CG\JU
Sample : P3115-17MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20071MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 17:42:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	89714	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	364454	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	209646	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	350653	20.000	ng		0.00
76) Chrysene-d12	14.027	240	174506	20.000	ng		0.00
86) Perylene-d12	15.492	264	188279	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	774917	136.799	ng		0.02
7) Phenol-d6	6.510	99	987055	130.985	ng		0.00
23) Nitrobenzene-d5	7.434	82	733319	98.790	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	296854	151.506	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1315163	98.045	ng		0.00
79) Terphenyl-d14	12.974	244	1142395	106.649	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	110316	43.971	ng	#	80
3) Pyridine	3.569	79	252536	40.817	ng		99
4) n-Nitrosodimethylamine	3.505	42	214925	53.363	ng		92
6) Aniline	6.534	93	201853	28.598	ng	#	69
8) 2-Chlorophenol	6.657	128	340196	56.796	ng		97
9) Benzaldehyde	6.422	77	20310	5.035	ng		99
10) Phenol	6.528	94	397751	49.727	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	338038	56.132	ng		99
12) 1,3-Dichlorobenzene	6.810	146	338150	50.224	ng		98
13) 1,4-Dichlorobenzene	6.887	146	344848	50.438	ng		99
14) 1,2-Dichlorobenzene	7.040	146	326765	51.315	ng		98
15) Benzyl Alcohol	7.016	79	329761	58.310	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	620632	52.406	ng		92
17) 2-Methylphenol	7.128	107	268457	54.687	ng		96
18) Hexachloroethane	7.375	117	124672	49.602	ng		93
19) n-Nitroso-di-n-propyla...	7.287	70	258984	55.620	ng		94
20) 3+4-Methylphenols	7.281	107	340687	55.113	ng		90
22) Acetophenone	7.281	105	446361	50.427	ng		99
24) Nitrobenzene	7.451	77	393633	52.182	ng		99
25) Isophorone	7.692	82	724744	56.853	ng		98
26) 2-Nitrophenol	7.769	139	187790	58.083	ng		97
27) 2,4-Dimethylphenol	7.804	122	248717	62.591	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	422640	55.476	ng		99
29) 2,4-Dichlorophenol	8.010	162	296209	57.403	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	304905	50.722	ng		98
31) Naphthalene	8.169	128	1000196	52.768	ng		99
32) Benzoic acid	7.945	122	203884	53.795	ng		95
33) 4-Chloroaniline	8.216	127	89786	13.501	ng		99
34) Hexachlorobutadiene	8.281	225	177407	47.926	ng		99
35) Caprolactam	8.610	113	80745	48.492	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	336245	58.204	ng		99
37) 2-Methylnaphthalene	8.863	142	665021	54.520	ng		100
38) 1-Methylnaphthalene	8.963	142	617078	51.836	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	290847	49.777	ng		98
41) Hexachlorocyclopentadiene	9.010	237	272942	143.917	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	212490	57.012	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	231569	56.489	ng		95
46) 1,1'-Biphenyl	9.328	154	801776	50.465	ng		99
47) 2-Chloronaphthalene	9.351	162	638889	53.229	ng		99
48) 2-Nitroaniline	9.451	65	243247	58.483	ng		95
49) Acenaphthylene	9.769	152	1016775	59.667	ng		99
50) Dimethylphthalate	9.634	163	802081	59.167	ng		100
51) 2,6-Dinitrotoluene	9.692	165	176203	56.453	ng		88
52) Acenaphthene	9.939	154	617413	54.506	ng		99
53) 3-Nitroaniline	9.863	138	84041	26.270	ng		98
54) 2,4-Dinitrophenol	9.975	184	194919	114.238	ng		93
55) Dibenzofuran	10.110	168	919865	55.987	ng		100
56) 4-Nitrophenol	10.039	139	217619	92.193	ng		88
57) 2,4-Dinitrotoluene	10.098	165	230570	57.093	ng		99
58) Fluorene	10.457	166	718164	55.242	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	195992	60.580	ng		99
60) Diethylphthalate	10.328	149	769165	58.856	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	359463	55.064	ng		98
62) 4-Nitroaniline	10.481	138	142250	44.374	ng		99
63) Azobenzene	10.604	77	794372	56.537	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	135887	67.115	ng	#	74
66) n-Nitrosodiphenylamine	10.569	169	623348	59.334	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	213490	59.236	ng		99
68) Hexachlorobenzene	10.998	284	235160	58.734	ng		98
69) Atrazine	11.092	200	138982	39.901	ng		98
70) Pentachlorophenol	11.198	266	258193	108.980	ng		98
71) Phenanthrene	11.416	178	1007789	56.888	ng		99
72) Anthracene	11.469	178	1025585	58.321	ng		99
73) Carbazole	11.622	167	799748	50.606	ng		99
74) Di-n-butylphthalate	11.945	149	1055718	57.955	ng		99
75) Fluoranthene	12.604	202	896046	49.569	ng		99
77) Benzidine	12.727	184	20858m	4.737	ng		
78) Pyrene	12.833	202	881651	49.769	ng		99
80) Butylbenzylphthalate	13.445	149	322761	60.568	ng		98
81) Benzo(a)anthracene	14.016	228	672877	57.465	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	56373	18.684	ng	#	98
83) Chrysene	14.057	228	639776	57.757	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	405938	71.425	ng		98
85) Di-n-octyl phthalate	14.610	149	703931	78.403	ng		100
87) Indeno(1,2,3-cd)pyrene	16.968	276	738486	58.393	ng		99
88) Benzo(b)fluoranthene	15.068	252	638310	60.199	ng		98
89) Benzo(k)fluoranthene	15.098	252	614017	59.375	ng		99
90) Benzo(a)pyrene	15.433	252	569248	61.114	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	607957	58.767	ng		100
92) Benzo(g,h,i)perylene	17.415	276	534717	48.744	ng	#	95

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

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