Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139008.D
Acq On : 14 Aug 2024 22:17
Operator : RC/JU
Sample : P3475-03MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS

Manual Integrations APPROVED

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

Quant Time: Aug 15 01:14:31 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	6.840	152	30988	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	101717	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	45061	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	82982	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	54235	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	41522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	265871	132.442	ng	0.00
7) Phenol-d6	6.487	99	333348	123.682	ng	0.00
23) Nitrobenzene-d5	7.404	82	201633	96.917	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	56410	152.827	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	255231	85.103	ng	-0.02
79) Terphenyl-d14	12.933	244	305483	94.305	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	42266	48.091	ng	# 96
3) Pyridine	3.399	79	106091	49.831	ng	95
4) n-Nitrosodimethylamine	3.363	42	90137	71.086	ng	# 80
6) Aniline	6.504	93	73493	30.576	ng	# 1
8) 2-Chlorophenol	6.634	128	112434	53.234	ng	98
9) Benzaldehyde	6.398	77	4711	2.916	ng	99
10) Phenol	6.504	94	144634	50.968	ng	88
11) bis(2-Chloroethyl)ether	6.575	93	115172	52.741	ng	100
12) 1,3-Dichlorobenzene	6.775	146	126731	53.604	ng	97
13) 1,4-Dichlorobenzene	6.851	146	128140	53.707	ng	99
14) 1,2-Dichlorobenzene	7.004	146	118873	53.311	ng	100
15) Benzyl Alcohol	6.987	79	105908	54.520	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	196755	52.355	ng	57
17) 2-Methylphenol	7.104	107	84335	48.357	ng	# 82
18) Hexachloroethane	7.345	117	46347	51.605	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	84752	52.064	ng	93
20) 3+4-Methylphenols	7.263	107	110154	49.227	ng	# 62
22) Acetophenone	7.251	105	151917	60.998	ng	98
24) Nitrobenzene	7.422	77	124493	58.806	ng	98
25) Isophorone	7.663	82	209995	59.112	ng	98
26) 2-Nitrophenol	7.740	139	53482	58.719	ng	90
27) 2,4-Dimethylphenol	7.781	122	65402	60.015	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	121768	56.286	ng	99
29) 2,4-Dichlorophenol	7.992	162	74475	53.184	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	89677	55.493	ng	97
31) Naphthalene	8.140	128	291921	54.523	ng	99
32) Benzoic acid	7.916	122	29281	34.182	ng	92
33) 4-Chloroaniline	8.198	127	36997	20.586	ng	94
34) Hexachlorobutadiene	8.251	225	58868	60.142	ng	99
35) Caprolactam	8.557	113	21216m	50.776	ng	
36) 4-Chloro-3-methylphenol	8.687	107	78571	49.096	ng	98
37) 2-Methylnaphthalene	8.828	142	170110	50.308	ng	100
38) 1-Methylnaphthalene	8.928	142	155131	46.819	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	71819	57.375	ng	98
41) Hexachlorocyclopentadiene	8.975	237	6493	24.857	ng	95
43) 2,4,6-Trichlorophenol	9.116	196	43108	56.483	ng	97

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	45869	54.976	ng		94
46) 1,1'-Biphenyl	9.287	154	192279	54.484	ng		98
47) 2-Chloronaphthalene	9.316	162	147104	56.046	ng		100
48) 2-Nitroaniline	9.422	65	55108	61.932	ng		95
49) Acenaphthylene	9.734	152	226516	60.849	ng		99
50) Dimethylphthalate	9.586	163	174247	60.476	ng		100
51) 2,6-Dinitrotoluene	9.663	165	36041	55.427	ng		92
52) Acenaphthene	9.904	154	137018	54.754	ng		99
53) 3-Nitroaniline	9.834	138	30232	44.974	ng		99
54) 2,4-Dinitrophenol	9.957	184	14461	48.311	ng	#	79
55) Dibenzofuran	10.075	168	207013	58.604	ng		97
56) 4-Nitrophenol	10.016	139	43028	106.444	ng		82
57) 2,4-Dinitrotoluene	10.069	165	50194	60.503	ng	#	80
58) Fluorene	10.416	166	164495	58.477	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	36957	57.938	ng		95
60) Diethylphthalate	10.286	149	165861	60.712	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	78344	56.628	ng		94
62) 4-Nitroaniline	10.451	138	36893	57.753	ng		87
63) Azobenzene	10.569	77	175301	57.856	ng		95
65) 4,6-Dinitro-2-methylph...	10.481	198	15689	30.990	ng		88
66) n-Nitrosodiphenylamine	10.528	169	137922	53.173	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	45273	50.391	ng		96
68) Hexachlorobenzene	10.963	284	49018	52.841	ng		96
69) Atrazine	11.051	200	44341	66.258	ng		97
70) Pentachlorophenol	11.169	266	40169	96.069	ng		97
71) Phenanthrene	11.380	178	264590	61.923	ng		100
72) Anthracene	11.433	178	263631	62.629	ng		99
73) Carbazole	11.592	167	241485	66.494	ng		99
74) Di-n-butylphthalate	11.910	149	277429	67.954	ng		99
75) Fluoranthene	12.569	202	310079	77.733	ng		98
77) Benzidine	12.698	184	52969	40.833	ng		99
78) Pyrene	12.798	202	312705	61.238	ng		100
80) Butylbenzylphthalate	13.410	149	119391	73.013	ng		99
81) Benzo(a)anthracene	13.986	228	234060	62.671	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	53683	56.169	ng		99
83) Chrysene	14.027	228	193103	57.310	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	155481	64.933	ng		97
85) Di-n-octyl phthalate	14.574	149	222064	50.125	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	146694	49.299	ng		95
88) Benzo(b)fluoranthene	15.039	252	165724	64.385	ng		98
89) Benzo(k)fluoranthene	15.063	252	142638	64.004	ng		99
90) Benzo(a)pyrene	15.404	252	138956	64.181	ng		97
91) Dibenzo(a,h)anthracene	16.945	278	117170	47.969	ng		97
92) Benzo(g,h,i)perylene	17.380	276	109581	43.232	ng		96

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

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