Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139022.D
Acq On : 15 Aug 2024 14:52
Operator : RC/JU
Sample : P3574-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 15 15:22:42 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	35263	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	138858	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	74874	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	119120	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	59185	20.000	ng		0.00
86) Perylene-d12	15.468	264	68182	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	317246	138.876	ng		0.02
7) Phenol-d6	6.493	99	407609	132.900	ng		0.00
23) Nitrobenzene-d5	7.404	82	295781	104.143	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	102813	167.634	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	537999	107.960	ng		-0.01
79) Terphenyl-d14	12.939	244	453630	128.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	40366	40.361	ng	#	81
3) Pyridine	3.499	79	77107	31.827	ng		94
4) n-Nitrosodimethylamine	3.422	42	82411	57.114	ng		82
6) Aniline	6.510	93	77415	28.303	ng	#	12
8) 2-Chlorophenol	6.634	128	120239	50.028	ng		98
9) Benzaldehyde	6.398	77	54825	29.820	ng		98
10) Phenol	6.504	94	146943	45.504	ng		87
11) bis(2-Chloroethyl)ether	6.575	93	118142	47.542	ng		98
12) 1,3-Dichlorobenzene	6.775	146	125514	46.653	ng		97
13) 1,4-Dichlorobenzene	6.857	146	129970	47.870	ng		99
14) 1,2-Dichlorobenzene	7.004	146	122607	48.320	ng		98
15) Benzyl Alcohol	6.993	79	121562	54.992	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	209538	48.997	ng	#	49
17) 2-Methylphenol	7.104	107	96673	48.711	ng	#	85
18) Hexachloroethane	7.340	117	50320	49.236	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	100572	54.292	ng		96
20) 3+4-Methylphenols	7.263	107	131098	51.485	ng	#	70
22) Acetophenone	7.251	105	183160	53.872	ng		99
24) Nitrobenzene	7.428	77	146170	50.577	ng		99
25) Isophorone	7.663	82	260776	53.772	ng		97
26) 2-Nitrophenol	7.740	139	64223	51.652	ng		91
27) 2,4-Dimethylphenol	7.781	122	96599	64.933	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	148050	50.130	ng		99
29) 2,4-Dichlorophenol	7.992	162	101311	52.997	ng		100
30) 1,2,4-Trichlorobenzene	8.057	180	105782	47.950	ng		98
31) Naphthalene	8.140	128	361162	49.413	ng		99
32) Benzoic acid	7.934	122	53521	45.767	ng		95
33) 4-Chloroaniline	8.198	127	44788	18.255	ng		97
34) Hexachlorobutadiene	8.251	225	68301	51.115	ng		98
35) Caprolactam	8.575	113	27676m	48.520	ng		
36) 4-Chloro-3-methylphenol	8.692	107	121976	55.831	ng		99
37) 2-Methylnaphthalene	8.828	142	245790	53.247	ng		100
38) 1-Methylnaphthalene	8.928	142	224082	49.539	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	109120	52.464	ng		99
41) Hexachlorocyclopentadiene	8.975	237	76513	133.847	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	67580	53.290	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	74530	53.760	ng		98
46)	1,1'-Biphenyl	9.292	154	311718	53.158	ng		99
47)	2-Chloronaphthalene	9.316	162	227855	52.245	ng		99
48)	2-Nitroaniline	9.428	65	87585	59.238	ng		95
49)	Acenaphthylene	9.734	152	354923	57.379	ng		100
50)	Dimethylphthalate	9.592	163	287379	60.026	ng		99
51)	2,6-Dinitrotoluene	9.663	165	60410	55.911	ng	#	80
52)	Acenaphthene	9.904	154	232415	55.895	ng		99
53)	3-Nitroaniline	9.839	138	30123	26.969	ng		96
54)	2,4-Dinitrophenol	9.957	184	61990	124.635	ng	#	80
55)	Dibenzofuran	10.075	168	331996	56.563	ng		96
56)	4-Nitrophenol	10.022	139	52266	77.814	ng	#	82
57)	2,4-Dinitrotoluene	10.075	165	80154	58.146	ng	#	75
58)	Fluorene	10.422	166	267914	57.319	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.204	232	62591	59.054	ng		95
60)	Diethylphthalate	10.292	149	275133	60.610	ng		100
61)	4-Chlorophenyl-phenyle...	10.410	204	131211	57.078	ng		97
62)	4-Nitroaniline	10.457	138	54056m	50.926	ng		
63)	Azobenzene	10.569	77	288936	57.389	ng		96
65)	4,6-Dinitro-2-methylph...	10.486	198	43853	60.343	ng		91
66)	n-Nitrosodiphenylamine	10.533	169	225188	60.479	ng		99
67)	4-Bromophenyl-phenylether	10.898	248	75853	58.815	ng		98
68)	Hexachlorobenzene	10.969	284	77028	57.845	ng		99
69)	Atrazine	11.057	200	58281	60.668	ng		98
70)	Pentachlorophenol	11.175	266	58186	96.941	ng		98
71)	Phenanthrene	11.386	178	370262	60.365	ng		99
72)	Anthracene	11.433	178	376445	62.299	ng		100
73)	Carbazole	11.598	167	291831	55.979	ng		98
74)	Di-n-butylphthalate	11.910	149	369781	63.097	ng		100
75)	Fluoranthene	12.569	202	307975	53.783	ng		98
77)	Benzidine	12.698	184	33086	23.372	ng		98
78)	Pyrene	12.804	202	310094	55.648	ng		99
80)	Butylbenzylphthalate	13.410	149	113855	63.804	ng		100
81)	Benzo(a)anthracene	13.992	228	238877	58.611	ng		99
82)	3,3'-Dichlorobenzidine	13.951	252	44527	42.693	ng		98
83)	Chrysene	14.027	228	214533	58.345	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.963	149	159611	61.083	ng		98
85)	Di-n-octyl phthalate	14.574	149	284803	58.910	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.945	276	241829	49.493	ng		96
88)	Benzo(b)fluoranthene	15.039	252	234282	55.430	ng		98
89)	Benzo(k)fluoranthene	15.068	252	237506m	64.902	ng		
90)	Benzo(a)pyrene	15.410	252	227822	64.081	ng	#	98
91)	Dibenzo(a,h)anthracene	16.951	278	195638	48.776	ng		98
92)	Benzo(g,h,i)perylene	17.386	276	169112	40.631	ng		97

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

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