Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138458.D
Acq On : 03 Jul 2024 21:05
Operator : CG\JU
Sample : P3148-01MS 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-070224MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 01:01:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	99571	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	327234	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	141683	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	262903	20.000	ng		0.00
76) Chrysene-d12	14.033	240	147135	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	126154	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	90095	15.002	ng		0.00
7) Phenol-d6	6.504	99	110209	13.623	ng		-0.01
23) Nitrobenzene-d5	7.428	82	64242	10.198	ng		-0.02
42) 2,4,6-Tribromophenol	10.692	330	17172	14.835	ng		-0.01
45) 2-Fluorobiphenyl	9.222	172	92806	10.424	ng		-0.01
79) Terphenyl-d14	12.975	244	103215	9.613	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	13458	4.757	ng		98
3) Pyridine	3.410	79	33048	4.897	ng		99
4) n-Nitrosodimethylamine	3.334	42	24441	5.805	ng		84
6) Aniline	6.534	93	23457	2.971	ng		99
8) 2-Chlorophenol	6.657	128	36645	5.684	ng		98
9) Benzaldehyde	6.422	77	5894	1.180	ng		99
10) Phenol	6.516	94	48780	5.659	ng		92
11) bis(2-Chloroethyl)ether	6.604	93	37177	5.492	ng		96
12) 1,3-Dichlorobenzene	6.810	146	39803	5.391	ng		99
13) 1,4-Dichlorobenzene	6.887	146	40704	5.498	ng		97
14) 1,2-Dichlorobenzene	7.040	146	38579	5.645	ng		98
15) Benzyl Alcohol	7.010	79	31263	5.395	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.140	45	78045	5.716	ng		98
17) 2-Methylphenol	7.122	107	28538	5.341	ng		96
18) Hexachloroethane	7.381	117	10225	3.829	ng		91
19) n-Nitroso-di-n-propyla...	7.269	70	27397	5.372	ng	#	97
20) 3+4-Methylphenols	7.281	107	34646	5.580	ng		92
22) Acetophenone	7.275	105	46999	6.331	ng	#	90
24) Nitrobenzene	7.445	77	38372	5.989	ng		96
25) Isophorone	7.687	82	68539	5.901	ng		99
26) 2-Nitrophenol	7.769	139	13874	5.020	ng		98
27) 2,4-Dimethylphenol	7.804	122	22040	6.231	ng		96
28) bis(2-Chloroethoxy)met...	7.898	93	41536	5.941	ng		99
29) 2,4-Dichlorophenol	8.016	162	23198	5.107	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	29932	5.667	ng		99
31) Naphthalene	8.175	128	99083	5.990	ng		99
32) Benzoic acid	7.869	122	9696m	6.842	ng		
33) 4-Chloroaniline	8.222	127	16629	2.878	ng		97
34) Hexachlorobutadiene	8.287	225	17595	5.548	ng		98
35) Caprolactam	8.551	113	6689	4.663	ng		93
36) 4-Chloro-3-methylphenol	8.704	107	23149	4.784	ng		96
37) 2-Methylnaphthalene	8.863	142	56533	5.288	ng		99
38) 1-Methylnaphthalene	8.963	142	53420	5.152	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	21806	5.564	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	13670	5.482	ng		99
44) 2,4,5-Trichlorophenol	9.187	196	14796	5.456	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.328	154	61685	5.831	ng		98
47)	2-Chloronaphthalene	9.351	162	45543	5.646	ng		97
48)	2-Nitroaniline	9.445	65	15606	5.998	ng		94
49)	Acenaphthylene	9.769	152	81604	7.194	ng		98
50)	Dimethylphthalate	9.622	163	55407	6.085	ng		98
51)	2,6-Dinitrotoluene	9.686	165	10415	5.107	ng		93
52)	Acenaphthene	9.939	154	45364	5.840	ng		97
53)	3-Nitroaniline	9.857	138	8983	4.460	ng	#	97
55)	Dibenzofuran	10.110	168	69499	6.494	ng		98
56)	4-Nitrophenol	10.028	139	15727	12.043	ng		93
57)	2,4-Dinitrotoluene	10.086	165	12205	4.861	ng	#	94
58)	Fluorene	10.451	166	64517	7.587	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.228	232	11242	5.581	ng	#	81
60)	Diethylphthalate	10.322	149	49791	5.849	ng		100
61)	4-Chlorophenyl-phenyle...	10.445	204	24801	5.748	ng		99
62)	4-Nitroaniline	10.463	138	12197	6.597	ng		91
63)	Azobenzene	10.604	77	51456	5.723	ng		97
65)	4,6-Dinitro-2-methylph...	10.498	198	268	5.967	ng	#	1
66)	n-Nitrosodiphenylamine	10.563	169	44553	5.459	ng		95
67)	4-Bromophenyl-phenylether	10.933	248	13736	4.861	ng		97
68)	Hexachlorobenzene	10.998	284	15656	5.027	ng	#	92
69)	Atrazine	11.086	200	14412	6.298	ng		96
70)	Pentachlorophenol	11.198	266	14924	9.441	ng		96
71)	Phenanthrene	11.416	178	192041	14.961	ng		98
72)	Anthracene	11.469	178	106774	8.341	ng		99
73)	Carbazole	11.622	167	76507	7.199	ng		98
74)	Di-n-butylphthalate	11.951	149	85703	6.363	ng		99
75)	Fluoranthene	12.604	202	267664	23.260	ng		98
77)	Benzidine	12.727	184	9972	8.476	ng	#	87
78)	Pyrene	12.833	202	258553	16.441	ng		99
80)	Butylbenzylphthalate	13.451	149	36072	7.538	ng		98
81)	Benzo(a)anthracene	14.022	228	120236	12.696	ng		98
82)	3,3'-Dichlorobenzidine	13.986	252	13786m	4.931	ng		
83)	Chrysene	14.057	228	100746	10.933	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	47968	7.993	ng	#	96
85)	Di-n-octyl phthalate	14.621	149	61962	5.899	ng	#	96
87)	Indeno(1,2,3-cd)pyrene	16.974	276	67102	10.586	ng	#	93
88)	Benzo(b)fluoranthene	15.069	252	89468	12.926	ng		95
89)	Benzo(k)fluoranthene	15.098	252	58441	9.167	ng		94
90)	Benzo(a)pyrene	15.439	252	74764	12.323	ng		98
91)	Dibenzo(a,h)anthracene	16.986	278	39259	7.673	ng		94
92)	Benzo(g,h,i)perylene	17.421	276	56916	11.371	ng		96

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

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