Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138407.D
Acq On : 01 Jul 2024 17:05
Operator : CG\JU
Sample : P3115-12MS 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

Quant Time: Jul 01 17:54:14 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	172973	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	643571	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	266742	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	304412	20.000	ng	#	0.00
76) Chrysene-d12	14.033	240	290800	20.000	ng		0.00
86) Perylene-d12	15.498	264	301618	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	120847	11.583	ng		0.00
7) Phenol-d6	6.504	99	162691	11.576	ng		-0.01
23) Nitrobenzene-d5	7.428	82	93035	7.510	ng		-0.02
42) 2,4,6-Tribromophenol	10.698	330	19404	8.904	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	165732	9.888	ng		0.00
79) Terphenyl-d14	12.980	244	98236	4.629	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	21722	4.420	ng		98
3) Pyridine	3.416	79	50946	4.346	ng		96
4) n-Nitrosodimethylamine	3.345	42	37460	5.122	ng	#	93
8) 2-Chlorophenol	6.657	128	62127	5.547	ng		95
10) Phenol	6.516	94	82921	5.538	ng		85
11) bis(2-Chloroethyl)ether	6.604	93	63434	5.394	ng		96
12) 1,3-Dichlorobenzene	6.810	146	67863	5.291	ng		98
13) 1,4-Dichlorobenzene	6.892	146	68032	5.290	ng		97
14) 1,2-Dichlorobenzene	7.039	146	63259	5.328	ng		99
15) Benzyl Alcohol	7.010	79	52940	5.259	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	130421	5.498	ng		99
17) 2-Methylphenol	7.128	107	49619	5.346	ng		96
18) Hexachloroethane	7.386	117	23442	5.054	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	50810	5.735	ng		95
20) 3+4-Methylphenols	7.281	107	63393	5.878	ng		93
22) Acetophenone	7.275	105	79615	5.453	ng	#	90
24) Nitrobenzene	7.451	77	65359	5.187	ng		98
25) Isophorone	7.686	82	125711	5.503	ng		99
26) 2-Nitrophenol	7.769	139	26024	4.788	ng		98
27) 2,4-Dimethylphenol	7.804	122	40560	5.831	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	76937	5.595	ng		98
29) 2,4-Dichlorophenol	8.016	162	47175	5.280	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	53002	5.102	ng		96
31) Naphthalene	8.175	128	203033	6.241	ng		98
32) Benzoic acid	7.869	122	19362	6.884	ng		95
34) Hexachlorobutadiene	8.292	225	30933	4.960	ng		99
35) Caprolactam	8.551	113	15876m	5.627	ng		
36) 4-Chloro-3-methylphenol	8.704	107	49928	5.247	ng		98
37) 2-Methylnaphthalene	8.863	142	125705	5.978	ng		99
38) 1-Methylnaphthalene	8.963	142	113168	5.550	ng		97
40) 1,2,4,5-Tetrachloroben...	9.027	216	43803	5.937	ng		98
41) Hexachlorocyclopentadiene	9.016	237	25966	11.956	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	28929	6.162	ng		96
44) 2,4,5-Trichlorophenol	9.186	196	27422	5.371	ng	#	63
46) 1,1'-Biphenyl	9.327	154	140022	7.030	ng		97
47) 2-Chloronaphthalene	9.351	162	90878	5.985	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.445	65	33865	6.913	ng		87
49) Acenaphthylene	9.769	152	165663	7.757	ng		93
50) Dimethylphthalate	9.622	163	115035	6.710	ng	#	94
51) 2,6-Dinitrotoluene	9.686	165	31626	8.237	ng		93
52) Acenaphthene	9.939	154	101580	6.946	ng		98
53) 3-Nitroaniline	9.857	138	16711	4.407	ng	#	74
54) 2,4-Dinitrophenol	9.963	184	5504	11.941	ng	#	63
55) Dibenzofuran	10.116	168	132924	6.597	ng		96
56) 4-Nitrophenol	10.027	139	19321	7.858	ng	#	1
57) 2,4-Dinitrotoluene	10.092	165	23698	5.013	ng	#	70
58) Fluorene	10.457	166	90157	5.631	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.233	232	15957	4.208	ng	#	71
60) Diethylphthalate	10.321	149	92553	5.774	ng	#	86
61) 4-Chlorophenyl-phenyle...	10.451	204	41189	5.071	ng	#	84
62) 4-Nitroaniline	10.463	138	14680	4.218	ng	#	79
63) Azobenzene	10.610	77	82674	4.884	ng		91
65) 4,6-Dinitro-2-methylph...	10.498	198	5159	8.582	ng	#	1
66) n-Nitrosodiphenylamine	10.563	169	66740	7.062	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	17335	5.298	ng	#	74
68) Hexachlorobenzene	11.010	284	17119	4.747	ng	#	61
69) Atrazine	11.092	200	21629	8.163	ng	#	65
70) Pentachlorophenol	11.204	266	14518	7.931	ng		95
71) Phenanthrene	11.427	178	344703	23.192	ng		97
72) Anthracene	11.474	178	138431m	9.339	ng		
73) Carbazole	11.627	167	93361	7.587	ng	#	81
74) Di-n-butylphthalate	11.957	149	103896	6.662	ng	#	86
75) Fluoranthene	12.615	202	534670	40.126	ng		98
78) Pyrene	12.845	202	693624	22.317	ng		99
80) Butylbenzylphthalate	13.451	149	45234	4.783	ng		91
81) Benzo(a)anthracene	14.021	228	499334	26.678	ng		95
82) 3,3'-Dichlorobenzidine	13.980	252	16489	2.984	ng	#	88
83) Chrysene	14.057	228	549519	30.172	ng		98
84) Bis(2-ethylhexyl)phtha...	14.009	149	77523	6.536	ng		98
85) Di-n-octyl phthalate	14.621	149	126267	6.082	ng		100
87) Indeno(1,2,3-cd)pyrene	16.962	276	174932	11.543	ng		98
88) Benzo(b)fluoranthene	15.074	252	689690m	41.676	ng		
89) Benzo(k)fluoranthene	15.098	252	323047m	21.194	ng		
90) Benzo(a)pyrene	15.439	252	338826	23.359	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	86073	7.036	ng	#	95
92) Benzo(g,h,i)perylene	17.403	276	134663	11.253	ng		96

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

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