Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
Data File : BF138087.D
Acq On : 31 May 2024 14:49
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: Jun 01 01:09:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:06:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.034	152	118208	20.000	ng		0.00
21) Naphthalene-d8	8.316	136	469339	20.000	ng		0.00
39) Acenaphthene-d10	10.080	164	273822	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	493137	20.000	ng		0.00
76) Chrysene-d12	14.233	240	357740	20.000	ng		0.00
86) Perylene-d12	15.804	264	280906	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.657	112	142589	21.563	ng		0.00
7) Phenol-d6	6.651	99	181906	21.363	ng		-0.01
23) Nitrobenzene-d5	7.592	82	167288	20.770	ng		-0.01
42) 2,4,6-Tribromophenol	10.874	330	66535	20.831	ng		0.00
45) 2-Fluorobiphenyl	9.392	172	407400	22.054	ng		0.00
79) Terphenyl-d14	13.163	244	499741	20.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.957	88	29568	10.299	ng		99
3) Pyridine	3.734	79	63159m	9.953	ng		
4) n-Nitrosodimethylamine	3.675	42	28573	10.255	ng		98
6) Aniline	6.704	93	21610	8.012	ng		96
8) 2-Chlorophenol	6.816	128	78378	10.332	ng		99
9) Benzaldehyde	6.586	77	52092	13.762	ng		93
10) Phenol	6.663	94	88298m	10.455	ng		
11) bis(2-Chloroethyl)ether	6.763	93	81743	11.715	ng		95
12) 1,3-Dichlorobenzene	6.975	146	93367	10.592	ng		98
13) 1,4-Dichlorobenzene	7.051	146	93639	10.567	ng		99
14) 1,2-Dichlorobenzene	7.204	146	89549	10.680	ng		99
15) Benzyl Alcohol	7.169	79	26016	11.157	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.298	45	81950	10.656	ng		95
17) 2-Methylphenol	7.275	107	64140	10.534	ng		99
18) Hexachloroethane	7.545	117	30463	10.120	ng		96
19) n-Nitroso-di-n-propyla...	7.433	70	51735	10.478	ng	#	95
20) 3+4-Methylphenols	7.433	107	81346	10.627	ng	#	52
22) Acetophenone	7.433	105	114136	10.794	ng		96
24) Nitrobenzene	7.610	77	82942	10.346	ng		98
25) Isophorone	7.845	82	143774	10.346	ng		96
26) 2-Nitrophenol	7.928	139	42070	9.818	ng		95
27) 2,4-Dimethylphenol	7.963	122	50250	9.797	ng		97
28) bis(2-Chloroethoxy)met...	8.051	93	88560	10.414	ng		98
29) 2,4-Dichlorophenol	8.181	162	70443	10.233	ng		98
30) 1,2,4-Trichlorobenzene	8.257	180	80237	10.518	ng		97
31) Naphthalene	8.339	128	256845	10.636	ng		99
32) Benzoic acid	8.033	122	18588m	11.812	ng		
33) 4-Chloroaniline	8.439	127	82039m	10.078	ng		
34) Hexachlorobutadiene	8.451	225	49756	10.098	ng		97
35) Caprolactam	8.739	113	22056	10.894	ng		91
36) 4-Chloro-3-methylphenol	8.869	107	70249	10.180	ng		97
37) 2-Methylnaphthalene	9.033	142	170962	10.760	ng		99
38) 1-Methylnaphthalene	9.133	142	165530	10.706	ng		99
40) 1,2,4,5-Tetrachloroben...	9.198	216	79904	10.280	ng		98
41) Hexachlorocyclopentadiene	9.180	237	24159	8.910	ng		97
43) 2,4,6-Trichlorophenol	9.310	196	53248	10.328	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	56458	10.043	ng	99
46) 1,1'-Biphenyl	9.498	154	209840	10.655	ng	99
47) 2-Chloronaphthalene	9.527	162	167347	10.595	ng	96
48) 2-Nitroaniline	9.622	65	40896	10.340	ng	98
49) Acenaphthylene	9.945	152	240743	10.650	ng	100
50) Dimethylphthalate	9.786	163	191507	10.554	ng	98
51) 2,6-Dinitrotoluene	9.857	165	43773	10.508	ng	95
52) Acenaphthene	10.116	154	152309m	10.639	ng	
53) 3-Nitroaniline	10.039	138	40884	10.311	ng	99
54) 2,4-Dinitrophenol	10.139	184	16040	7.920	ng	94
55) Dibenzofuran	10.286	168	236855	10.775	ng	100
56) 4-Nitrophenol	10.210	139	23139	8.756	ng	96
57) 2,4-Dinitrotoluene	10.263	165	57339	10.438	ng	97
58) Fluorene	10.633	166	192090	10.846	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	45705m	10.312	ng	
60) Diethylphthalate	10.492	149	183512	10.648	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	96138	10.750	ng	97
62) 4-Nitroaniline	10.645	138	41511	11.532	ng	98
63) Azobenzene	10.780	77	157679	10.647	ng	99
65) 4,6-Dinitro-2-methylph...	10.674	198	28349	9.168	ng	81
66) n-Nitrosodiphenylamine	10.739	169	158753	10.349	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	58467	10.115	ng	94
68) Hexachlorobenzene	11.180	284	66025	10.280	ng	98
69) Atrazine	11.263	200	42725	10.088	ng	98
70) Pentachlorophenol	11.380	266	29417	8.847	ng	97
71) Phenanthrene	11.604	178	261070	10.525	ng	99
72) Anthracene	11.657	178	260560	10.533	ng	98
73) Carbazole	11.810	167	246076	10.706	ng	99
74) Di-n-butylphthalate	12.127	149	291063	10.611	ng	98
75) Fluoranthene	12.798	202	287469	10.984	ng	99
77) Benzidine	12.939	184	30596m	8.723	ng	
78) Pyrene	13.033	202	293404	9.654	ng	99
80) Butylbenzylphthalate	13.633	149	110084	9.977	ng	95
81) Benzo(a)anthracene	14.221	228	236880	10.139	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	69505	11.105	ng	97
83) Chrysene	14.257	228	225381	10.217	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	153838	10.248	ng	99
85) Di-n-octyl phthalate	14.815	149	214448	9.748	ng	100
87) Indeno(1,2,3-cd)pyrene	17.433	276	151109	8.925	ng	100
88) Benzo(b)fluoranthene	15.327	252	178409	10.309	ng	99
89) Benzo(k)fluoranthene	15.357	252	177073	10.769	ng	98
90) Benzo(a)pyrene	15.727	252	144780	10.008	ng	98
91) Dibenzo(a,h)anthracene	17.445	278	123095	8.862	ng	98
92) Benzo(g,h,i)perylene	17.927	276	123431	8.748	ng	99

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

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