Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136929.D
Acq On : 04 Jan 2024 02:38
Operator : CG\JU
Sample : 06041-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 04 03:46:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	54317	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	183232	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	77261	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	147282	20.000	ng		0.00
76) Chrysene-d12	13.974	240	108933	20.000	ng		0.00
86) Perylene-d12	15.457	264	89457	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	368894	105.967	ng		0.01
7) Phenol-d6	6.446	99	429867	95.297	ng		0.00
23) Nitrobenzene-d5	7.351	82	261759	73.101	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	99244	109.069	ng		0.00
45) 2-Fluorobiphenyl	9.140	172	446079	77.655	ng		-0.01
79) Terphenyl-d14	12.910	244	468082	60.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	60502	41.712	ng		98
3) Pyridine	3.369	79	134936	38.128	ng		94
4) n-Nitrosodimethylamine	3.322	42	82646	43.730	ng		98
6) Aniline	6.451	93	84894	18.824	ng	#	20
8) 2-Chlorophenol	6.581	128	164753	43.247	ng		96
9) Benzaldehyde	6.340	77	32431	12.640	ng		94
10) Phenol	6.457	94	190806	39.625	ng		94
11) bis(2-Chloroethyl)ether	6.522	93	163055	44.526	ng		99
12) 1,3-Dichlorobenzene	6.728	146	174626	42.019	ng		97
13) 1,4-Dichlorobenzene	6.804	146	179905	42.367	ng		97
14) 1,2-Dichlorobenzene	6.951	146	164624	41.663	ng		100
15) Benzyl Alcohol	6.940	79	130681	42.942	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	247991	41.421	ng	#	50
17) 2-Methylphenol	7.057	107	119683	37.922	ng	#	90
18) Hexachloroethane	7.287	117	55752	36.152	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	113281	41.428	ng		93
20) 3+4-Methylphenols	7.216	107	157140	39.855	ng	#	51
22) Acetophenone	7.198	105	229139	49.892	ng	#	85
24) Nitrobenzene	7.369	77	153573	42.814	ng		97
25) Isophorone	7.610	82	287659	44.149	ng		98
26) 2-Nitrophenol	7.681	139	52057	30.333	ng		95
27) 2,4-Dimethylphenol	7.728	122	113395	54.273	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	181122	45.732	ng		99
29) 2,4-Dichlorophenol	7.934	162	109789	40.816	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	132032	44.055	ng		99
31) Naphthalene	8.087	128	450299	44.733	ng		99
32) Benzoic acid	7.863	122	70022m	34.637	ng		
33) 4-Chloroaniline	8.145	127	29960	8.061	ng		97
34) Hexachlorobutadiene	8.198	225	79580	43.704	ng		99
35) Caprolactam	8.522	113	33442	37.687	ng		99
36) 4-Chloro-3-methylphenol	8.640	107	110335	36.436	ng		98
37) 2-Methylnaphthalene	8.775	142	253913	39.194	ng		100
38) 1-Methylnaphthalene	8.875	142	242628	38.174	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	123131	51.460	ng		99
41) Hexachlorocyclopentadiene	8.922	237	13048	20.954	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	71520	46.608	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	75588	44.204	ng		99
46) 1,1'-Biphenyl	9.239	154	320185	49.386	ng		99
47) 2-Chloronaphthalene	9.269	162	225139	45.679	ng		98
48) 2-Nitroaniline	9.369	65	73461	47.596	ng		99
49) Acenaphthylene	9.681	152	363510	48.252	ng		99
50) Dimethylphthalate	9.545	163	258766	45.853	ng		100
51) 2,6-Dinitrotoluene	9.610	165	46564	36.356	ng		90
52) Acenaphthene	9.851	154	221295	47.387	ng		98
53) 3-Nitroaniline	9.787	138	56038	41.304	ng		90
54) 2,4-Dinitrophenol	9.910	184	560	4.487	ng	#	57
55) Dibenzofuran	10.028	168	326825	46.169	ng		98
56) 4-Nitrophenol	9.969	139	69099	75.446	ng		97
57) 2,4-Dinitrotoluene	10.016	165	57652	34.674	ng		99
58) Fluorene	10.375	166	269009	47.893	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	61045	46.376	ng	#	97
60) Diethylphthalate	10.245	149	255003	43.551	ng		100
61) 4-Chlorophenyl-phenyle...	10.363	204	120397	44.099	ng		96
62) 4-Nitroaniline	10.398	138	58835m	44.984	ng		
63) Azobenzene	10.522	77	222684	40.718	ng		98
66) n-Nitrosodiphenylamine	10.486	169	212295	44.372	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	70064	42.835	ng		94
68) Hexachlorobenzene	10.922	284	77357	42.438	ng		98
69) Atrazine	11.022	200	65971	53.911	ng		96
70) Pentachlorophenol	11.128	266	71119	83.705	ng		98
71) Phenanthrene	11.339	178	490183	64.863	ng		99
72) Anthracene	11.392	178	403603	52.735	ng		99
73) Carbazole	11.557	167	359829	49.867	ng		99
74) Di-n-butylphthalate	11.881	149	425957	48.377	ng		99
75) Fluoranthene	12.539	202	560310	69.315	ng		99
77) Benzidine	12.669	184	73685	22.941	ng	#	94
78) Pyrene	12.769	202	553579	51.767	ng		100
80) Butylbenzylphthalate	13.386	149	190636	48.993	ng		95
81) Benzo(a)anthracene	13.963	228	410223	54.232	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	64925	30.223	ng		99
83) Chrysene	14.004	228	379982	51.370	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	283256	57.858	ng		97
85) Di-n-octyl phthalate	14.569	149	449555	59.363	ng		100
87) Indeno(1,2,3-cd)pyrene	16.974	276	277297	42.932	ng		98
88) Benzo(b)fluoranthene	15.021	252	324785	54.358	ng		99
89) Benzo(k)fluoranthene	15.051	252	266860	47.267	ng		98
90) Benzo(a)pyrene	15.398	252	255939	50.747	ng		97
91) Dibenzo(a,h)anthracene	16.986	278	221769	41.852	ng		97
92) Benzo(g,h,i)perylene	17.433	276	219351	40.417	ng		99

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

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