Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133728.D
Acq On : 13 Jun 2023 13:41
Operator : CG\JU
Sample : 03103-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 14:10:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 11:26:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	77450	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	246633	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	94498	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	190961	20.000	ng		0.00
76) Chrysene-d12	14.015	240	178470	20.000	ng		0.00
86) Perylene-d12	15.480	264	141977	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	267811	60.198	ng		0.00
7) Phenol-d6	6.463	99	291759	50.382	ng		0.00
23) Nitrobenzene-d5	7.398	82	193359	42.702	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	63193	52.829	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	304911	45.867	ng		0.00
79) Terphenyl-d14	12.951	244	380786	33.014	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	76335	39.028	ng		97
3) Pyridine	3.340	79	193878	34.009	ng		95
4) n-Nitrosodimethylamine	3.298	42	141803	44.999	ng		93
6) Aniline	6.522	93	189629m	25.999	ng		
8) 2-Chlorophenol	6.616	128	189548	40.429	ng		98
9) Benzaldehyde	6.381	77	111455	29.010	ng		95
10) Phenol	6.481	94	221264	36.592	ng		99
11) bis(2-Chloroethyl)ether	6.569	93	182793	40.719	ng		96
12) 1,3-Dichlorobenzene	6.775	146	215076	42.936	ng		98
13) 1,4-Dichlorobenzene	6.851	146	217949	43.048	ng		99
14) 1,2-Dichlorobenzene	7.004	146	203044	44.383	ng		98
15) Benzyl Alcohol	6.975	79	174828	38.654	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	312763	41.100	ng		99
17) 2-Methylphenol	7.086	107	145464	35.005	ng		98
18) Hexachloroethane	7.345	117	80690	46.553	ng		95
19) n-Nitroso-di-n-propyla...	7.245	70	135063	36.658	ng		96
20) 3+4-Methylphenols	7.239	107	178750	33.066	ng	#	87
22) Acetophenone	7.245	105	262157	46.345	ng	#	98
24) Nitrobenzene	7.416	77	199542	43.763	ng		98
25) Isophorone	7.657	82	337350	40.580	ng		98
26) 2-Nitrophenol	7.733	139	92139	45.028	ng		94
27) 2,4-Dimethylphenol	7.769	122	147932	41.943	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	198522	41.318	ng		100
29) 2,4-Dichlorophenol	7.975	162	130691	37.808	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	149926	41.571	ng		98
31) Naphthalene	8.139	128	500661	41.666	ng		99
32) Benzoic acid	7.875	122	89351	40.169	ng		94
33) 4-Chloroaniline	8.192	127	106905	20.808	ng		98
34) Hexachlorobutadiene	8.257	225	97629	41.346	ng		96
35) Caprolactam	8.551	113	41112m	35.345	ng		
36) 4-Chloro-3-methylphenol	8.669	107	129546	32.513	ng		99
37) 2-Methylnaphthalene	8.833	142	303549	36.358	ng		97
38) 1-Methylnaphthalene	8.928	142	274887	35.781	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	130303	45.357	ng		98
41) Hexachlorocyclopentadiene	8.980	237	56527	44.154	ng		97
43) 2,4,6-Trichlorophenol	9.110	196	80182	41.767	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	82184	36.798	ng		98
46) 1,1'-Biphenyl	9.292	154	346774	45.500	ng		99
47) 2-Chloronaphthalene	9.322	162	241096	44.101	ng		98
48) 2-Nitroaniline	9.416	65	83621	41.823	ng		97
49) Acenaphthylene	9.733	152	394913	41.503	ng		99
50) Dimethylphthalate	9.592	163	284370	40.316	ng		100
51) 2,6-Dinitrotoluene	9.657	165	58922	40.471	ng	#	77
52) Acenaphthene	9.910	154	247985m	44.525	ng		
53) 3-Nitroaniline	9.827	138	60092	33.917	ng		95
54) 2,4-Dinitrophenol	9.933	184	40582	58.682	ng		86
55) Dibenzofuran	10.080	168	374701	44.089	ng		96
56) 4-Nitrophenol	9.986	139	108383	90.641	ng	#	77
57) 2,4-Dinitrotoluene	10.063	165	78025	42.139	ng		97
58) Fluorene	10.422	166	311689	47.958	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	69605	41.627	ng	#	95
60) Diethylphthalate	10.292	149	282652	39.373	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	125018	38.965	ng		99
62) 4-Nitroaniline	10.439	138	63098	36.323	ng		94
63) Azobenzene	10.574	77	275360	40.518	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	27290	29.907	ng		80
66) n-Nitrosodiphenylamine	10.533	169	229368	35.758	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	76220	35.761	ng		96
68) Hexachlorobenzene	10.969	284	85769	38.267	ng		95
69) Atrazine	11.063	200	79289	42.603	ng		98
70) Pentachlorophenol	11.169	266	100519	74.896	ng		98
71) Phenanthrene	11.392	178	708486	73.127	ng		99
72) Anthracene	11.439	178	515713	51.051	ng		100
73) Carbazole	11.598	167	432118	45.928	ng		99
74) Di-n-butylphthalate	11.927	149	464788	38.534	ng		99
75) Fluoranthene	12.586	202	1130647	109.895	ng		99
77) Benzidine	12.710	184	201229	33.601	ng		99
78) Pyrene	12.816	202	1110759	66.812	ng		99
80) Butylbenzylphthalate	13.427	149	237208	33.797	ng		96
81) Benzo(a)anthracene	14.004	228	844823	68.435	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	152138	37.069	ng		99
83) Chrysene	14.045	228	762408	65.297	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	332004	38.418	ng		98
85) Di-n-octyl phthalate	14.604	149	585234	47.655	ng		97
87) Indeno(1,2,3-cd)pyrene	16.951	276	436595	44.698	ng		99
88) Benzo(b)fluoranthene	15.057	252	706594	81.929	ng		97
89) Benzo(k)fluoranthene	15.086	252	519202	61.800	ng		97
90) Benzo(a)pyrene	15.421	252	542471	67.773	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	281463	34.806	ng		100
92) Benzo(g,h,i)perylene	17.398	276	369299	46.061	ng		99

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

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