Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
Data File : BF136604.D
Acq On : 15 Dec 2023 21:10
Operator : CG\JU
Sample : 05803-01MSD 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
600572408-MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 16 02:07:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	88752	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	298939	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	131097	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	251776	20.000	ng		0.00
76) Chrysene-d12	13.968	240	190474	20.000	ng		0.00
86) Perylene-d12	15.451	264	140764	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	293269	48.800	ng		0.00
7) Phenol-d6	6.434	99	325059	43.353	ng		0.00
23) Nitrobenzene-d5	7.345	82	188512	34.091	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	77609	48.012	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	328728	34.215	ng		0.00
79) Terphenyl-d14	12.910	244	411687	28.488	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	50241	21.136	ng		98
3) Pyridine	3.316	79	120428	20.921	ng		96
4) n-Nitrosodimethylamine	3.269	42	54151	21.653	ng		91
6) Aniline	6.451	93	98779	13.036	ng	#	77
8) 2-Chlorophenol	6.575	128	137052	20.890	ng		99
9) Benzaldehyde	6.340	77	42522	8.694	ng		98
10) Phenol	6.445	94	159226	19.957	ng		99
11) bis(2-Chloroethyl)ether	6.522	93	129795	21.825	ng		99
12) 1,3-Dichlorobenzene	6.728	146	151067	20.475	ng		99
13) 1,4-Dichlorobenzene	6.804	146	155409	20.764	ng		98
14) 1,2-Dichlorobenzene	6.957	146	144260	20.497	ng		97
15) Benzyl Alcohol	6.928	79	102051	20.325	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	149757	19.579	ng		98
17) 2-Methylphenol	7.045	107	102100	19.263	ng		97
18) Hexachloroethane	7.292	117	46789	17.906	ng		93
19) n-Nitroso-di-n-propyla...	7.192	70	85100	19.675	ng		98
20) 3+4-Methylphenols	7.198	107	127492	19.379	ng		97
22) Acetophenone	7.192	105	186995	25.331	ng		94
24) Nitrobenzene	7.369	77	123341	22.173	ng		92
25) Isophorone	7.604	82	221371	22.283	ng		97
26) 2-Nitrophenol	7.681	139	62291	22.778	ng		97
27) 2,4-Dimethylphenol	7.728	122	91703	27.194	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	143160	23.451	ng		98
29) 2,4-Dichlorophenol	7.928	162	93142	20.926	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	115395	22.234	ng		98
31) Naphthalene	8.086	128	359985	21.837	ng		98
32) Benzoic acid	7.816	122	51306	15.337	ng		99
33) 4-Chloroaniline	8.139	127	75440	12.836	ng		98
34) Hexachlorobutadiene	8.204	225	67278	21.872	ng		99
35) Caprolactam	8.492	113	28731	20.961	ng	#	76
36) 4-Chloro-3-methylphenol	8.628	107	87813	18.581	ng		92
37) 2-Methylnaphthalene	8.781	142	215098	20.509	ng		92
38) 1-Methylnaphthalene	8.881	142	201535	19.583	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	101394	24.860	ng		99
41) Hexachlorocyclopentadiene	8.928	237	6703	4.436	ng		96
43) 2,4,6-Trichlorophenol	9.063	196	59309	22.333	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	59036	19.918	ng		95
46) 1,1'-Biphenyl	9.245	154	269324	24.144	ng		98
47) 2-Chloronaphthalene	9.269	162	195793	22.551	ng		97
48) 2-Nitroaniline	9.369	65	50902	21.860	ng		86
49) Acenaphthylene	9.680	152	291527	23.571	ng		97
50) Dimethylphthalate	9.545	163	225541	23.368	ng		99
51) 2,6-Dinitrotoluene	9.610	165	47811	22.019	ng		88
52) Acenaphthene	9.857	154	169941	21.442	ng		94
53) 3-Nitroaniline	9.775	138	44687	20.153	ng	#	97
54) 2,4-Dinitrophenol	9.892	184	3755	3.420	ng		93
55) Dibenzofuran	10.028	168	259619	22.423	ng		97
56) 4-Nitrophenol	9.951	139	74357	44.733	ng		90
57) 2,4-Dinitrotoluene	10.010	165	59269	20.633	ng		94
58) Fluorene	10.369	166	205974	22.162	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	51664	21.760	ng	#	99
60) Diethylphthalate	10.245	149	206446	21.752	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	101652	22.436	ng		99
62) 4-Nitroaniline	10.386	138	45553	20.690	ng		96
63) Azobenzene	10.528	77	173638	20.100	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	4355	2.793	ng		94
66) n-Nitrosodiphenylamine	10.486	169	176170	21.806	ng		94
67) 4-Bromophenyl-phenylether	10.857	248	58691	20.050	ng		95
68) Hexachlorobenzene	10.922	284	69107	20.426	ng		93
69) Atrazine	11.016	200	61728	26.770	ng		99
70) Pentachlorophenol	11.122	266	75606	39.595	ng		96
71) Phenanthrene	11.339	178	317344	22.932	ng		99
72) Anthracene	11.392	178	323016	23.174	ng		99
73) Carbazole	11.551	167	295517	23.954	ng		97
74) Di-n-butylphthalate	11.880	149	336672	22.261	ng		99
75) Fluoranthene	12.533	202	370368	25.539	ng		98
77) Benzidine	12.657	184	142929	35.560	ng		97
78) Pyrene	12.763	202	378595	20.295	ng		98
80) Butylbenzylphthalate	13.392	149	155468	23.412	ng		99
81) Benzo(a)anthracene	13.957	228	306375	23.092	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	95991	25.804	ng		99
83) Chrysene	13.998	228	285813	21.895	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	214688	26.372	ng		100
85) Di-n-octyl phthalate	14.568	149	343158	28.538	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.956	276	198417	20.290	ng		100
88) Benzo(b)fluoranthene	15.015	252	214365	22.273	ng		97
89) Benzo(k)fluoranthene	15.045	252	195547m	21.559	ng		
90) Benzo(a)pyrene	15.386	252	172718	21.730	ng		97
91) Dibenzo(a,h)anthracene	16.974	278	167607	20.921	ng		99
92) Benzo(g,h,i)perylene	17.409	276	158754	19.306	ng		97

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

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