Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
Data File : BF135668.D
Acq On : 10 Oct 2023 00:15
Operator : CG\JU
Sample : 04731-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 02:30:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	108114	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	417929	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	203336	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	344735	20.000	ng		0.00
76) Chrysene-d12	13.933	240	200558	20.000	ng		0.00
86) Perylene-d12	15.404	264	205889	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	847215	127.453	ng		0.03
7) Phenol-d6	6.398	99	979009	115.827	ng		0.01
23) Nitrobenzene-d5	7.310	82	712047	92.564	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	257743	127.553	ng		0.01
45) 2-Fluorobiphenyl	9.098	172	1243388	92.257	ng		0.00
79) Terphenyl-d14	12.868	244	1043932	80.690	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	139882	48.003	ng	#	82
3) Pyridine	3.398	79	277843	35.427	ng		97
4) n-Nitrosodimethylamine	3.328	42	221647	53.257	ng		93
6) Aniline	6.416	93	149158	13.457	ng	#	1
8) 2-Chlorophenol	6.534	128	364714	51.397	ng		99
9) Benzaldehyde	6.304	77	118593	24.629	ng		97
10) Phenol	6.410	94	384000	41.431	ng		98
11) bis(2-Chloroethyl)ether	6.487	93	380330	54.706	ng		98
12) 1,3-Dichlorobenzene	6.681	146	364031	50.479	ng		97
13) 1,4-Dichlorobenzene	6.757	146	371990	50.700	ng		98
14) 1,2-Dichlorobenzene	6.904	146	345422	50.696	ng		99
15) Benzyl Alcohol	6.898	79	300830	49.598	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	635784	48.517	ng		48
17) 2-Methylphenol	7.010	107	284599	45.449	ng	#	89
18) Hexachloroethane	7.239	117	135069	49.823	ng		93
19) n-Nitroso-di-n-propyla...	7.163	70	251267	47.994	ng		96
20) 3+4-Methylphenols	7.169	107	360973	47.940	ng	#	67
22) Acetophenone	7.157	105	501340	52.469	ng	#	90
24) Nitrobenzene	7.328	77	385292	50.675	ng		99
25) Isophorone	7.569	82	700843	49.616	ng		99
26) 2-Nitrophenol	7.645	139	192683	52.802	ng		94
27) 2,4-Dimethylphenol	7.686	122	280729	45.768	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	431601	51.050	ng		100
29) 2,4-Dichlorophenol	7.892	162	298376	52.497	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	306175	51.538	ng		99
31) Naphthalene	8.039	128	1024700	50.463	ng		99
32) Benzoic acid	7.845	122	214744	46.494	ng		96
33) 4-Chloroaniline	8.116	127	66545m	7.469	ng		
34) Hexachlorobutadiene	8.151	225	182034	50.817	ng		98
35) Caprolactam	8.486	113	87616m	45.932	ng		
36) 4-Chloro-3-methylphenol	8.604	107	309923	49.062	ng		96
37) 2-Methylnaphthalene	8.733	142	633886	46.440	ng		98
38) 1-Methylnaphthalene	8.833	142	601049	47.033	ng		97
40) 1,2,4,5-Tetrachloroben...	8.898	216	309792	52.589	ng		99
41) Hexachlorocyclopentadiene	8.880	237	82363	36.186	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	201080	52.134	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	210767	47.452	ng		98
46) 1,1'-Biphenyl	9.198	154	806958	51.642	ng		99
47) 2-Chloronaphthalene	9.228	162	587082	51.782	ng		97
48) 2-Nitroaniline	9.333	65	223361	50.711	ng		97
49) Acenaphthylene	9.639	152	953568	50.608	ng		99
50) Dimethylphthalate	9.510	163	698231	50.789	ng		99
51) 2,6-Dinitrotoluene	9.580	165	150157	49.859	ng		90
52) Acenaphthene	9.810	154	560040	50.314	ng		96
53) 3-Nitroaniline	9.751	138	75027	21.223	ng		95
54) 2,4-Dinitrophenol	9.875	184	110722	65.951	ng		96
55) Dibenzofuran	9.986	168	822524	48.424	ng		97
56) 4-Nitrophenol	9.939	139	147729	65.752	ng		97
57) 2,4-Dinitrotoluene	9.992	165	184304	48.883	ng		95
58) Fluorene	10.333	166	635744	48.686	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	165627	48.475	ng		99
60) Diethylphthalate	10.210	149	688690	49.916	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	309636	49.363	ng		96
62) 4-Nitroaniline	10.374	138	134254	39.508	ng		98
63) Azobenzene	10.486	77	660019	48.880	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	76028	41.523	ng		97
66) n-Nitrosodiphenylamine	10.445	169	584599	56.014	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	187454	54.673	ng		100
68) Hexachlorobenzene	10.880	284	196037	56.123	ng	#	91
69) Atrazine	10.980	200	182566	65.011	ng		99
70) Pentachlorophenol	11.086	266	165299	79.096	ng		99
71) Phenanthrene	11.298	178	839554	51.492	ng		99
72) Anthracene	11.351	178	855173	51.027	ng		99
73) Carbazole	11.516	167	813068	53.294	ng		99
74) Di-n-butylphthalate	11.839	149	1025818	57.062	ng		99
75) Fluoranthene	12.492	202	812067	47.799	ng		99
77) Benzidine	12.621	184	125740	30.603	ng		99
78) Pyrene	12.727	202	816554	42.763	ng		99
80) Butylbenzylphthalate	13.345	149	351530	52.288	ng		96
81) Benzo(a)anthracene	13.927	228	678751	52.411	ng		100
82) 3,3'-Dichlorobenzidine	13.886	252	167027	41.291	ng	#	98
83) Chrysene	13.963	228	633981	49.238	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	479739	69.539	ng		99
85) Di-n-octyl phthalate	14.527	149	798123	72.797	ng		100
87) Indeno(1,2,3-cd)pyrene	16.904	276	534597	39.601	ng		99
88) Benzo(b)fluoranthene	14.980	252	617861	55.436	ng		99
89) Benzo(k)fluoranthene	15.009	252	567183	51.516	ng		99
90) Benzo(a)pyrene	15.345	252	519233	48.852	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	439558	39.795	ng		97
92) Benzo(g,h,i)perylene	17.345	276	415801	36.045	ng		99

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

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