Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
Data File : BF134995.D
Acq On : 29 Aug 2023 21:21
Operator : CG\JU
Sample : 04188-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 29 22:30:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 02:45:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	224912	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	900388	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	466945	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	844366	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	449646	20.000	ng	-0.01
86) Perylene-d12	15.439	264	511975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	734730	52.093	ng	0.00
7) Phenol-d6	6.428	99	928031	51.493	ng	-0.01
23) Nitrobenzene-d5	7.351	82	582001	35.618	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	282004	51.279	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1085805	35.947	ng	-0.01
79) Terphenyl-d14	12.910	244	1063440	32.529	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	129943	21.229	ng	99
3) Pyridine	3.352	79	324155	19.652	ng	97
4) n-Nitrosodimethylamine	3.316	42	179480	24.610	ng	97
6) Aniline	6.451	93	359878	16.156	ng	99
8) 2-Chlorophenol	6.569	128	375567	25.377	ng	95
9) Benzaldehyde	6.340	77	140192	14.183	ng	99
10) Phenol	6.440	94	442047	23.957	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	335636	23.979	ng	97
12) 1,3-Dichlorobenzene	6.728	146	388829	25.191	ng	97
13) 1,4-Dichlorobenzene	6.804	146	395900	25.626	ng	99
14) 1,2-Dichlorobenzene	6.951	146	375814	26.244	ng	99
15) Benzyl Alcohol	6.928	79	325464	25.991	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	473104	23.342	ng	98
17) 2-Methylphenol	7.045	107	295128	23.042	ng	97
18) Hexachloroethane	7.292	117	145158	25.961	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	249246	23.679	ng	97
20) 3+4-Methylphenols	7.198	107	352182	23.198	ng	100
22) Acetophenone	7.192	105	488317	24.537	ng	98
24) Nitrobenzene	7.369	77	387860	23.656	ng	99
25) Isophorone	7.610	82	695667	22.800	ng	98
26) 2-Nitrophenol	7.681	139	198996	24.379	ng	96
27) 2,4-Dimethylphenol	7.722	122	305182	22.923	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	422142	23.214	ng	99
29) 2,4-Dichlorophenol	7.928	162	312171	23.731	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	341250	24.435	ng	99
31) Naphthalene	8.087	128	1058127	23.535	ng	100
32) Benzoic acid	7.851	122	188378	19.173	ng	95
33) 4-Chloroaniline	8.139	127	211424	10.960	ng	98
34) Hexachlorobutadiene	8.204	225	205725	24.769	ng	97
35) Caprolactam	8.510	113	98296m	23.937	ng	
36) 4-Chloro-3-methylphenol	8.628	107	340497	24.529	ng	98
37) 2-Methylnaphthalene	8.781	142	683415	22.794	ng	100
38) 1-Methylnaphthalene	8.881	142	652724	23.282	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	337221	23.700	ng	99
41) Hexachlorocyclopentadiene	8.928	237	259795	41.241	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	220300	23.444	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	239537	22.018	ng		98
46) 1,1'-Biphenyl	9.245	154	875520	23.750	ng		99
47) 2-Chloronaphthalene	9.269	162	656941	23.862	ng		98
48) 2-Nitroaniline	9.369	65	215755	23.841	ng		95
49) Acenaphthylene	9.686	152	1027206	24.228	ng		100
50) Dimethylphthalate	9.551	163	780106	23.471	ng		99
51) 2,6-Dinitrotoluene	9.616	165	175918	23.997	ng		95
52) Acenaphthene	9.857	154	621377	23.265	ng		100
53) 3-Nitroaniline	9.781	138	132442	16.541	ng		92
54) 2,4-Dinitrophenol	9.892	184	127501	36.759	ng	#	83
55) Dibenzofuran	10.033	168	906417	23.309	ng		97
56) 4-Nitrophenol	9.957	139	259361	46.481	ng		94
57) 2,4-Dinitrotoluene	10.022	165	225212	24.841	ng		94
58) Fluorene	10.375	166	705552	23.922	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	199595	23.547	ng	#	98
60) Diethylphthalate	10.251	149	741470	24.349	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	350667	23.718	ng		99
62) 4-Nitroaniline	10.404	138	174607	23.327	ng		97
63) Azobenzene	10.528	77	707435	23.385	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	104019	20.878	ng		84
66) n-Nitrosodiphenylamine	10.492	169	633466	23.297	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	228660	23.473	ng	#	88
68) Hexachlorobenzene	10.922	284	253094	24.429	ng		96
69) Atrazine	11.022	200	217391	29.442	ng		97
70) Pentachlorophenol	11.122	266	209933	33.670	ng		97
71) Phenanthrene	11.339	178	1077565	24.354	ng		100
72) Anthracene	11.392	178	1066379	23.522	ng		99
73) Carbazole	11.551	167	889533	23.812	ng		99
74) Di-n-butylphthalate	11.886	149	1094763	25.552	ng		99
75) Fluoranthene	12.533	202	1022853	24.398	ng		100
77) Benzidine	12.657	184	287730	39.440	ng		99
78) Pyrene	12.763	202	991791	20.803	ng		99
80) Butylbenzylphthalate	13.392	149	370439	25.504	ng		99
81) Benzo(a)anthracene	13.957	228	722954	23.566	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	199438	20.540	ng		99
83) Chrysene	13.998	228	702934	23.223	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	441529	28.062	ng		98
85) Di-n-octyl phthalate	14.574	149	725785	28.288	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	735346	20.094	ng		99
88) Benzo(b)fluoranthene	15.010	252	748671	25.919	ng		97
89) Benzo(k)fluoranthene	15.039	252	704977	24.854	ng		99
90) Benzo(a)pyrene	15.374	252	659042	22.855	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	609385	20.580	ng		99
92) Benzo(g,h,i)perylene	17.374	276	553763	18.269	ng		99

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

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