Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
Data File : BF141691.D
Acq On : 19 Feb 2025 23:06
Operator : RC/JU
Sample : Q1383-09MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 20 00:16:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio
02/20/2025
Supervised By :Jagrut Upadhyay
02/20/2025
Supervised By :Jagrut Upadhyay
02/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	91383	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	356803	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	191594	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	315237	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	173447	20.000	ng	-0.02
86) Perylene-d12	15.380	264	184904	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	490441	84.139	ng	0.00
7) Phenol-d6	6.422	99	609238	82.695	ng	-0.02
23) Nitrobenzene-d5	7.345	82	390191	57.039	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	165124	85.794	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	753926	60.625	ng	-0.02
79) Terphenyl-d14	12.880	244	737462	71.778	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	101123	43.104	ng	98
3) Pyridine	3.287	79	227652	40.779	ng	92
4) n-Nitrosodimethylamine	3.240	42	138761	37.538	ng	89
6) Aniline	6.445	93	198915	28.783	ng	87
8) 2-Chlorophenol	6.569	128	270716	42.982	ng	99
9) Benzaldehyde	6.328	77	115667	29.545	ng	98
10) Phenol	6.440	94	326566	42.588	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	248163	43.088	ng	99
12) 1,3-Dichlorobenzene	6.722	146	283509	42.637	ng	97
13) 1,4-Dichlorobenzene	6.798	146	286870	42.226	ng	98
14) 1,2-Dichlorobenzene	6.951	146	272588	43.231	ng	99
15) Benzyl Alcohol	6.928	79	222989	39.470	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	387829	39.337	ng	80
17) 2-Methylphenol	7.045	107	208590	42.320	ng	97
18) Hexachloroethane	7.287	117	106931	42.530	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	182558	41.426	ng	95
20) 3+4-Methylphenols	7.198	107	271902	43.408	ng	94
22) Acetophenone	7.192	105	405595	45.697	ng	95
24) Nitrobenzene	7.363	77	276454	41.444	ng	100
25) Isophorone	7.604	82	490001	44.924	ng	99
26) 2-Nitrophenol	7.681	139	143090	43.116	ng	96
27) 2,4-Dimethylphenol	7.722	122	210930	54.405	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	299943	42.915	ng	99
29) 2,4-Dichlorophenol	7.928	162	222545	42.483	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	241030	42.253	ng	100
31) Naphthalene	8.087	128	775721	41.766	ng	100
32) Benzoic acid	7.863	122	135395	33.621	ng	96
33) 4-Chloroaniline	8.145	127	50619	7.806	ng	98
34) Hexachlorobutadiene	8.198	225	149026	43.516	ng	99
35) Caprolactam	8.510	113	77102m	48.342	ng	
36) 4-Chloro-3-methylphenol	8.634	107	236342	40.730	ng	98
37) 2-Methylnaphthalene	8.775	142	488399	40.410	ng	99
38) 1-Methylnaphthalene	8.875	142	472328	40.350	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	264867	47.784	ng	98
41) Hexachlorocyclopentadiene	8.928	237	233821	126.824	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	152206	42.485	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	161058	41.481	ng	98
46) 1,1'-Biphenyl	9.239	154	695306	46.810	ng	99
47) 2-Chloronaphthalene	9.263	162	477930	43.511	ng	99
48) 2-Nitroaniline	9.363	65	150715	40.886	ng	96
49) Acenaphthylene	9.681	152	733342	44.887	ng	100
50) Dimethylphthalate	9.539	163	560273	43.075	ng	100
51) 2,6-Dinitrotoluene	9.604	165	123670	43.494	ng	98
52) Acenaphthene	9.851	154	456548	41.567	ng	99
53) 3-Nitroaniline	9.775	138	65848	21.517	ng	99
54) 2,4-Dinitrophenol	9.892	184	111818	66.168	ng	89
55) Dibenzofuran	10.022	168	665170	41.259	ng	99
56) 4-Nitrophenol	9.957	139	171082	75.307	ng	92
57) 2,4-Dinitrotoluene	10.010	165	165008	43.593	ng	100
58) Fluorene	10.363	166	528335	42.384	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	135703	40.597	ng	94
60) Diethylphthalate	10.239	149	537334	41.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	258751	43.147	ng	98
62) 4-Nitroaniline	10.392	138	119535	38.467	ng	95
63) Azobenzene	10.516	77	542497	42.642	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	78982	36.068	ng	94
66) n-Nitrosodiphenylamine	10.475	169	456846	45.272	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	156576	44.442	ng	98
68) Hexachlorobenzene	10.910	284	164848	45.439	ng	98
69) Atrazine	11.004	200	169018	55.831	ng	99
70) Pentachlorophenol	11.110	266	152558	65.764	ng	100
71) Phenanthrene	11.328	178	758154	43.692	ng	100
72) Anthracene	11.380	178	771214	44.212	ng	100
73) Carbazole	11.533	167	648043	41.289	ng	100
74) Di-n-butylphthalate	11.863	149	792615	43.736	ng	100
75) Fluoranthene	12.510	202	703158	38.222	ng	100
77) Benzidine	12.639	184	232481	60.775	ng	99
78) Pyrene	12.739	202	696703	47.186	ng	100
80) Butylbenzylphthalate	13.357	149	261679	51.167	ng	99
81) Benzo(a)anthracene	13.927	228	493567	42.809	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	102649	31.080	ng	99
83) Chrysene	13.963	228	466344	43.805	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	329913	57.197	ng	100
85) Di-n-octyl phthalate	14.527	149	479672	58.294	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	574071	50.247	ng	99
88) Benzo(b)fluoranthene	14.963	252	446800	35.988	ng	99
89) Benzo(k)fluoranthene	14.992	252	463896m	43.757	ng	
90) Benzo(a)pyrene	15.321	252	448618	44.656	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	465267	50.258	ng	99
92) Benzo(g,h,i)perylene	17.245	276	455897	47.060	ng	99

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

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