Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139298.D
Acq On : 10 Sep 2024 14:29
Operator : RC/JU
Sample : P3905-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 10 15:09:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	116269	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	428606	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	230175	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	392137	20.000	ng	0.00
76) Chrysene-d12	14.057	240	196296	20.000	ng	0.00
86) Perylene-d12	15.527	264	205553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	672081	96.698	ng	0.01
7) Phenol-d6	6.516	99	913852	98.491	ng	0.00
23) Nitrobenzene-d5	7.451	82	582229	70.669	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	221313	111.347	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1053673	70.663	ng	0.00
79) Terphenyl-d14	12.998	244	846994	69.667	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	132301	40.876	ng	99
3) Pyridine	3.510	79	339552	43.461	ng	100
4) n-Nitrosodimethylamine	3.475	42	233732	46.069	ng	99
6) Aniline	6.551	93	354978	41.604	ng	97
8) 2-Chlorophenol	6.675	128	359997	49.978	ng	97
9) Benzaldehyde	6.440	77	87297	15.543	ng	97
10) Phenol	6.534	94	473960	48.428	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	348775	49.743	ng	98
12) 1,3-Dichlorobenzene	6.828	146	380789	46.705	ng	99
13) 1,4-Dichlorobenzene	6.904	146	384784	47.152	ng	99
14) 1,2-Dichlorobenzene	7.057	146	368098	48.364	ng	99
15) Benzyl Alcohol	7.028	79	349721	51.684	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	663628	49.719	ng	97
17) 2-Methylphenol	7.139	107	290387	49.353	ng	97
18) Hexachloroethane	7.404	117	143407	49.203	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	271593	50.823	ng	98
20) 3+4-Methylphenols	7.292	107	362800	48.924	ng	97
22) Acetophenone	7.298	105	493814	48.361	ng	99
24) Nitrobenzene	7.475	77	414460	47.396	ng	99
25) Isophorone	7.710	82	729154	51.766	ng	100
26) 2-Nitrophenol	7.786	139	189724	55.240	ng	99
27) 2,4-Dimethylphenol	7.822	122	299416	61.127	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	421946	50.279	ng	99
29) 2,4-Dichlorophenol	8.028	162	298652	50.922	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	312733	46.689	ng	100
31) Naphthalene	8.198	128	1042765	48.042	ng	100
32) Benzoic acid	7.939	122	197307	44.223	ng	99
33) 4-Chloroaniline	8.239	127	112017	14.905	ng	99
34) Hexachlorobutadiene	8.310	225	210772	49.659	ng	98
35) Caprolactam	8.616	113	94068m	51.809	ng	
36) 4-Chloro-3-methylphenol	8.722	107	324363	50.752	ng	99
37) 2-Methylnaphthalene	8.886	142	676053	49.784	ng	99
38) 1-Methylnaphthalene	8.986	142	627206	46.962	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	319896	49.122	ng	99
41) Hexachlorocyclopentadiene	9.039	237	375484	179.410	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	223303	52.407	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	226139	50.646	ng		99
46) 1,1'-Biphenyl	9.351	154	838989	49.197	ng		100
47) 2-Chloronaphthalene	9.375	162	628552	48.812	ng		100
48) 2-Nitroaniline	9.469	65	234138	52.789	ng		98
49) Acenaphthylene	9.792	152	1033952	53.311	ng		99
50) Dimethylphthalate	9.651	163	743341	53.283	ng		99
51) 2,6-Dinitrotoluene	9.716	165	162265	51.270	ng		95
52) Acenaphthene	9.963	154	719839	55.959	ng		98
53) 3-Nitroaniline	9.880	138	117122	34.733	ng		99
54) 2,4-Dinitrophenol	9.986	184	168971	99.840	ng	#	68
55) Dibenzofuran	10.133	168	933746	50.629	ng		99
56) 4-Nitrophenol	10.039	139	248825	99.975	ng		98
57) 2,4-Dinitrotoluene	10.116	165	218995	54.364	ng		98
58) Fluorene	10.480	166	702764	49.147	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	188014	53.493	ng		98
60) Diethylphthalate	10.351	149	751690	54.751	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	347058	50.329	ng		99
62) 4-Nitroaniline	10.498	138	161295	50.250	ng		99
63) Azobenzene	10.627	77	806356	55.726	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	106478	58.766	ng		97
66) n-Nitrosodiphenylamine	10.586	169	615305	53.905	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	205372	53.979	ng		97
68) Hexachlorobenzene	11.022	284	222849	51.165	ng		98
69) Atrazine	11.116	200	196253	74.522	ng		100
70) Pentachlorophenol	11.216	266	242790	96.501	ng		96
71) Phenanthrene	11.439	178	971673	53.042	ng		100
72) Anthracene	11.492	178	956667	53.460	ng		99
73) Carbazole	11.645	167	809530	48.401	ng		100
74) Di-n-butylphthalate	11.974	149	1033770	60.365	ng		100
75) Fluoranthene	12.627	202	930321	50.656	ng		100
77) Benzidine	12.751	184	287712	72.793	ng		99
78) Pyrene	12.857	202	925308	48.797	ng		100
80) Butylbenzylphthalate	13.474	149	321465	72.014	ng		99
81) Benzo(a)anthracene	14.045	228	685616	54.699	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	145047	43.574	ng		99
83) Chrysene	14.080	228	619706	52.973	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	411944	78.624	ng		100
85) Di-n-octyl phthalate	14.651	149	685901	68.377	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	515106	40.114	ng		98
88) Benzo(b)fluoranthene	15.098	252	747705	63.163	ng		99
89) Benzo(k)fluoranthene	15.127	252	569652	53.670	ng		100
90) Benzo(a)pyrene	15.468	252	615068	61.190	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	406893	38.450	ng		99
92) Benzo(g,h,i)perylene	17.456	276	373443	34.188	ng		99

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

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