Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140792.D
Acq On : 09 Dec 2024 16:22
Operator : RC/JU
Sample : P5095-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 18:08:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

12/11/2024
Supervised By :mohammad ahmed

12/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	63535	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	235636	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	128638	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	239472	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	124543	20.000	ng		0.00
86) Perylene-d12	15.551	264	130200	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	557789	149.792	ng		0.01
7) Phenol-d6	6.516	99	669772	136.053	ng		0.00
23) Nitrobenzene-d5	7.428	82	498832	108.283	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	228769	166.282	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	963368	111.582	ng		-0.01
79) Terphenyl-d14	12.980	244	936199	117.051	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	74095	47.326	ng	#	83
3) Pyridine	3.540	79	134548	39.059	ng		99
4) n-Nitrosodimethylamine	3.457	42	103304	51.024	ng		93
6) Aniline	6.534	93	58304	16.827	ng	#	1
8) 2-Chlorophenol	6.663	128	215029	53.674	ng		94
9) Benzaldehyde	6.428	77	8565	3.287	ng		95
10) Phenol	6.528	94	238292	47.398	ng		89
11) bis(2-Chloroethyl)ether	6.598	93	205848	53.506	ng		99
12) 1,3-Dichlorobenzene	6.804	146	206053	45.774	ng		98
13) 1,4-Dichlorobenzene	6.881	146	209419	45.946	ng		99
14) 1,2-Dichlorobenzene	7.034	146	202579	47.431	ng		99
15) Benzyl Alcohol	7.016	79	192590	52.753	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	238773	52.535	ng	#	63
17) 2-Methylphenol	7.134	107	170350	53.120	ng		94
18) Hexachloroethane	7.369	117	76621	45.009	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	157936	54.284	ng		97
20) 3+4-Methylphenols	7.286	107	223621	54.251	ng	#	72
22) Acetophenone	7.275	105	308388	53.682	ng	#	93
24) Nitrobenzene	7.451	77	240674	50.549	ng		97
25) Isophorone	7.686	82	420805	54.766	ng		100
26) 2-Nitrophenol	7.763	139	115012	54.509	ng		97
27) 2,4-Dimethylphenol	7.804	122	175872m	69.666	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	252040	53.844	ng		99
29) 2,4-Dichlorophenol	8.016	162	185526	55.461	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	188188	49.271	ng		99
31) Naphthalene	8.163	128	630405	51.939	ng		99
32) Benzoic acid	7.945	122	107082	48.632	ng		98
33) 4-Chloroaniline	8.233	127	30816	8.480	ng		99
34) Hexachlorobutadiene	8.275	225	122451	48.403	ng		100
35) Caprolactam	8.592	113	47018m	45.418	ng		
36) 4-Chloro-3-methylphenol	8.716	107	203086	54.223	ng		99
37) 2-Methylnaphthalene	8.857	142	420498	54.546	ng		100
38) 1-Methylnaphthalene	8.957	142	387103	51.228	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	207401	55.074	ng		100
41) Hexachlorocyclopentadiene	9.004	237	120002	136.135	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	130124	55.066	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138026	53.820	ng	97
46) 1,1'-Biphenyl	9.322	154	526128	54.781	ng	100
47) 2-Chloronaphthalene	9.351	162	392918	53.992	ng	98
48) 2-Nitroaniline	9.451	65	125933	53.912	ng	97
49) Acenaphthylene	9.763	152	637528	57.980	ng	99
50) Dimethylphthalate	9.622	163	482427	56.944	ng	100
51) 2,6-Dinitrotoluene	9.692	165	104943	54.618	ng	95
52) Acenaphthene	9.933	154	387362	55.444	ng	99
53) 3-Nitroaniline	9.869	138	29663	15.785	ng	96
54) 2,4-Dinitrophenol	9.986	184	111985	109.354	ng	92
55) Dibenzofuran	10.110	168	593031	55.649	ng	99
56) 4-Nitrophenol	10.051	139	104599	81.614	ng	95
57) 2,4-Dinitrotoluene	10.104	165	140928	55.188	ng	94
58) Fluorene	10.451	166	478571	55.948	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	119495	60.627	ng	90
60) Diethylphthalate	10.322	149	475891	55.286	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	234481	55.858	ng	98
62) 4-Nitroaniline	10.486	138	87530	44.410	ng	93
63) Azobenzene	10.604	77	449754	55.175	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	74319	60.732	ng	96
66) n-Nitrosodiphenylamine	10.563	169	371906	52.516	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	138070	55.985	ng	98
68) Hexachlorobenzene	11.004	284	157096	55.013	ng	98
69) Atrazine	11.092	200	80823	40.569	ng	98
70) Pentachlorophenol	11.210	266	124242	98.854	ng	100
71) Phenanthrene	11.421	178	661060	57.428	ng	100
72) Anthracene	11.474	178	671421	59.628	ng	100
73) Carbazole	11.633	167	569315	52.557	ng	99
74) Di-n-butylphthalate	11.951	149	721072	57.659	ng	99
75) Fluoranthene	12.610	202	632663	50.620	ng	99
77) Benzidine	12.757	184	6978m	1.927	ng	
78) Pyrene	12.845	202	626983	54.447	ng	99
80) Butylbenzylphthalate	13.451	149	235451	56.758	ng	99
81) Benzo(a)anthracene	14.039	228	478872	58.086	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	24916	10.066	ng	99
83) Chrysene	14.074	228	436033	57.841	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	306433	58.500	ng	99
85) Di-n-octyl phthalate	14.639	149	457880	63.962	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	362816	42.760	ng	99
88) Benzo(b)fluoranthene	15.109	252	510520	62.426	ng	99
89) Benzo(k)fluoranthene	15.139	252	419453	58.611	ng	99
90) Benzo(a)pyrene	15.486	252	425445	63.982	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	309674	44.564	ng	99
92) Benzo(g,h,i)perylene	17.527	276	243639	34.359	ng	98

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

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