Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140429.D
Acq On : 16 Nov 2024 14:57
Operator : RC/JU
Sample : P4833-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-731MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 00:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	120300	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	442674	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	239484	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	452802	20.000	ng		0.00
76) Chrysene-d12	14.051	240	240606	20.000	ng		0.00
86) Perylene-d12	15.551	264	275686	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	616568	87.508	ng		0.02
7) Phenol-d6	6.516	99	816821	85.567	ng		0.01
23) Nitrobenzene-d5	7.434	82	522034	61.443	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	227712	95.618	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	965266	64.794	ng		0.00
79) Terphenyl-d14	12.980	244	913667	65.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	134200	42.735	ng		99
3) Pyridine	3.446	79	335298	43.431	ng		99
4) n-Nitrosodimethylamine	3.399	42	174858	44.814	ng		98
6) Aniline	6.534	93	179750	21.646	ng	#	1
8) 2-Chlorophenol	6.663	128	351754	46.476	ng		97
9) Benzaldehyde	6.422	77	32105	5.612	ng		95
10) Phenol	6.528	94	444050	44.109	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	337706	44.273	ng		99
12) 1,3-Dichlorobenzene	6.816	146	371089	44.438	ng		99
13) 1,4-Dichlorobenzene	6.892	146	373686	44.132	ng		99
14) 1,2-Dichlorobenzene	7.045	146	353796	45.008	ng		99
15) Benzyl Alcohol	7.016	79	314040	45.661	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	451349	42.838	ng		75
17) 2-Methylphenol	7.134	107	272972	43.843	ng	#	93
18) Hexachloroethane	7.387	117	138236	44.160	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	248359	43.077	ng		99
20) 3+4-Methylphenols	7.287	107	350508	45.015	ng		100
22) Acetophenone	7.281	105	461091	44.785	ng		98
24) Nitrobenzene	7.451	77	382327	43.220	ng		100
25) Isophorone	7.692	82	673006	44.695	ng		100
26) 2-Nitrophenol	7.769	139	185166	47.171	ng		99
27) 2,4-Dimethylphenol	7.810	122	272334m	54.189	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	405524	43.921	ng		99
29) 2,4-Dichlorophenol	8.016	162	288881	46.511	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	299350	43.290	ng		99
31) Naphthalene	8.175	128	1007609	44.870	ng		100
32) Benzoic acid	7.928	122	200950	45.441	ng		97
33) 4-Chloroaniline	8.228	127	56684	7.258	ng		98
34) Hexachlorobutadiene	8.292	225	193123	43.834	ng		99
35) Caprolactam	8.586	113	97474m	47.218	ng		
36) 4-Chloro-3-methylphenol	8.716	107	317541	46.134	ng		98
37) 2-Methylnaphthalene	8.869	142	649809	45.128	ng		99
38) 1-Methylnaphthalene	8.969	142	604446	42.867	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	307208	46.388	ng		98
41) Hexachlorocyclopentadiene	9.016	237	257986	151.725	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	204292	47.006	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	219894	46.277	ng	96
46) 1,1'-Biphenyl	9.328	154	810048	46.495	ng	100
47) 2-Chloronaphthalene	9.357	162	600374	45.237	ng	99
48) 2-Nitroaniline	9.457	65	209876	47.684	ng	99
49) Acenaphthylene	9.775	152	1004158	50.008	ng	100
50) Dimethylphthalate	9.628	163	734995	47.086	ng	100
51) 2,6-Dinitrotoluene	9.692	165	161768	45.458	ng	99
52) Acenaphthene	9.945	154	687893m	50.720	ng	
53) 3-Nitroaniline	9.863	138	76766	20.541	ng	98
54) 2,4-Dinitrophenol	9.975	184	138157	75.285	ng	100
55) Dibenzofuran	10.116	168	915475	47.682	ng	100
56) 4-Nitrophenol	10.039	139	258413	94.796	ng	99
57) 2,4-Dinitrotoluene	10.104	165	219833	46.937	ng	99
58) Fluorene	10.463	166	709227	46.761	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	186461	49.698	ng	98
60) Diethylphthalate	10.328	149	729679	45.714	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	346409	46.262	ng	98
62) 4-Nitroaniline	10.480	138	163367	42.752	ng	98
63) Azobenzene	10.610	77	813686	51.593	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	104015	42.696	ng	97
66) n-Nitrosodiphenylamine	10.569	169	621050	47.470	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	206763	45.681	ng	98
68) Hexachlorobenzene	11.010	284	231007	45.361	ng	98
69) Atrazine	11.098	200	202575	51.179	ng	98
70) Pentachlorophenol	11.210	266	233178	85.000	ng	98
71) Phenanthrene	11.427	178	1003428	47.174	ng	100
72) Anthracene	11.475	178	1021736	49.012	ng	99
73) Carbazole	11.633	167	942721	45.799	ng	100
74) Di-n-butylphthalate	11.957	149	1121350	45.389	ng	100
75) Fluoranthene	12.616	202	985173	41.283	ng	99
77) Benzidine	12.733	184	202704	21.950	ng	99
78) Pyrene	12.845	202	983245	47.775	ng	100
80) Butylbenzylphthalate	13.457	149	388077	49.086	ng	97
81) Benzo(a)anthracene	14.039	228	764644	48.355	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	141034	28.060	ng	99
83) Chrysene	14.074	228	693800	48.086	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	486837	46.133	ng	99
85) Di-n-octyl phthalate	14.651	149	770808	51.862	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	652086	38.291	ng	100
88) Benzo(b)fluoranthene	15.115	252	765228	42.432	ng	99
89) Benzo(k)fluoranthene	15.145	252	704475	47.818	ng	100
90) Benzo(a)pyrene	15.486	252	703321	50.221	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	538064	38.224	ng	99
92) Benzo(g,h,i)perylene	17.509	276	453145	31.488	ng	99

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

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