Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
Data File : BF140948.D
Acq On : 20 Dec 2024 14:10
Operator : RC/JU
Sample : P5306-09MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 14:38:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	55385	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	209218	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	115521	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	219277	20.000	ng		0.00
76) Chrysene-d12	14.033	240	133308	20.000	ng		0.00
86) Perylene-d12	15.521	264	114231	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	442109	131.406	ng		0.01
7) Phenol-d6	6.504	99	599050	134.430	ng		0.00
23) Nitrobenzene-d5	7.416	82	372228	89.012	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	167201	122.376	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	705412	83.953	ng		0.00
79) Terphenyl-d14	12.963	244	769721	91.048	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	57898	39.952	ng		98
3) Pyridine	3.487	79	147343	43.903	ng		98
4) n-Nitrosodimethylamine	3.440	42	73891	43.674	ng		95
6) Aniline	6.516	93	152345	39.984	ng	#	72
8) 2-Chlorophenol	6.645	128	202633	55.230	ng		99
9) Benzaldehyde	6.410	77	38178	15.462	ng		92
10) Phenol	6.516	94	259118	56.104	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	180043	52.272	ng		99
12) 1,3-Dichlorobenzene	6.787	146	210487	50.348	ng		98
13) 1,4-Dichlorobenzene	6.869	146	216818	51.092	ng		98
14) 1,2-Dichlorobenzene	7.016	146	203761	50.890	ng		99
15) Benzyl Alcohol	7.004	79	175492	55.078	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.116	45	208259	51.327	ng		91
17) 2-Methylphenol	7.122	107	160183	54.685	ng		99
18) Hexachloroethane	7.351	117	77377	48.978	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	140269	52.475	ng		97
20) 3+4-Methylphenols	7.275	107	218873	56.350	ng	#	80
22) Acetophenone	7.263	105	281478	53.782	ng		94
24) Nitrobenzene	7.440	77	213867	49.921	ng		95
25) Isophorone	7.675	82	358474	51.161	ng		99
26) 2-Nitrophenol	7.751	139	110125	55.813	ng		95
27) 2,4-Dimethylphenol	7.792	122	151216	65.624	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	221616	50.641	ng		99
29) 2,4-Dichlorophenol	8.004	162	170278	53.525	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	174689	47.901	ng		99
31) Naphthalene	8.151	128	576356	50.150	ng		100
32) Benzoic acid	7.945	122	79916	36.568	ng		95
33) 4-Chloroaniline	8.210	127	86711	22.717	ng		98
34) Hexachlorobutadiene	8.263	225	112396	45.808	ng		99
35) Caprolactam	8.592	113	52938m	55.895	ng		
36) 4-Chloro-3-methylphenol	8.704	107	176282	49.233	ng		100
37) 2-Methylnaphthalene	8.845	142	369738	48.635	ng		100
38) 1-Methylnaphthalene	8.945	142	347475	46.215	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	184825	52.053	ng		99
41) Hexachlorocyclopentadiene	8.992	237	34644	40.992	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	110805	50.964	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	117901	49.337	ng	99
46) 1,1'-Biphenyl	9.304	154	472666	51.455	ng	99
47) 2-Chloronaphthalene	9.334	162	352165	50.113	ng	99
48) 2-Nitroaniline	9.439	65	109079	51.395	ng	94
49) Acenaphthylene	9.751	152	576620	55.834	ng	99
50) Dimethylphthalate	9.604	163	409034	50.222	ng	100
51) 2,6-Dinitrotoluene	9.681	165	92478	49.668	ng	94
52) Acenaphthene	9.922	154	351200	53.237	ng	99
53) 3-Nitroaniline	9.857	138	55538	30.057	ng	94
54) 2,4-Dinitrophenol	9.981	184	87671	95.155	ng	90
55) Dibenzofuran	10.092	168	537457	52.577	ng	99
56) 4-Nitrophenol	10.045	139	83327	83.625	ng	98
57) 2,4-Dinitrotoluene	10.092	165	127795	52.166	ng	98
58) Fluorene	10.439	166	428757	50.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	101786	52.272	ng	92
60) Diethylphthalate	10.304	149	405299	47.990	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	212840	50.243	ng	96
62) 4-Nitroaniline	10.475	138	98375m	50.949	ng	
63) Azobenzene	10.586	77	429196	54.056	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	70374	56.637	ng	94
66) n-Nitrosodiphenylamine	10.545	169	372378	55.234	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	124883	50.908	ng	97
68) Hexachlorobenzene	10.986	284	138231	49.700	ng	98
69) Atrazine	11.075	200	116856	62.062	ng	99
70) Pentachlorophenol	11.198	266	78972	77.662	ng	98
71) Phenanthrene	11.404	178	628319	55.721	ng	99
72) Anthracene	11.457	178	597017	53.762	ng	100
73) Carbazole	11.616	167	569460	52.355	ng	99
74) Di-n-butylphthalate	11.928	149	638255	49.999	ng	99
75) Fluoranthene	12.598	202	637105	49.060	ng	100
77) Benzidine	12.722	184	125211	46.021	ng	99
78) Pyrene	12.827	202	665883	56.171	ng	99
80) Butylbenzylphthalate	13.433	149	231762	53.133	ng	96
81) Benzo(a)anthracene	14.021	228	492886	52.168	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	81414	28.561	ng	97
83) Chrysene	14.057	228	441907	51.436	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	267856	47.624	ng	99
85) Di-n-octyl phthalate	14.604	149	365090	42.906	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	474317	66.539	ng	99
88) Benzo(b)fluoranthene	15.086	252	381086	48.060	ng	100
89) Benzo(k)fluoranthene	15.116	252	373879	54.968	ng	100
90) Benzo(a)pyrene	15.457	252	355872	57.316	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	390092	66.055	ng	99
92) Benzo(g,h,i)perylene	17.498	276	373367	62.119	ng	99

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

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