Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140917.D
Acq On : 18 Dec 2024 20:15
Operator : RC/JU
Sample : P5301-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

Quant Time: Dec 19 00:18:01 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	75530	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	249367	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	135551	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	199662	20.000	ng		0.00
76) Chrysene-d12	14.033	240	124212	20.000	ng		0.00
86) Perylene-d12	15.515	264	102846	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	463420	101.003	ng		0.00
7) Phenol-d6	6.504	99	608727	100.167	ng		0.00
23) Nitrobenzene-d5	7.416	82	403348	80.925	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	144676	90.243	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	660434	66.986	ng		0.00
79) Terphenyl-d14	12.963	244	513134	65.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	67972	34.394	ng		99
3) Pyridine	3.416	79	178992	39.108	ng		97
4) n-Nitrosodimethylamine	3.363	42	98491	42.687	ng	#	96
6) Aniline	6.516	93	133069	25.610	ng	#	41
8) 2-Chlorophenol	6.645	128	238309	47.629	ng		100
9) Benzaldehyde	6.404	77	51574	15.316	ng		95
10) Phenol	6.516	94	293384	46.580	ng		91
11) bis(2-Chloroethyl)ether	6.581	93	219050	46.635	ng		98
12) 1,3-Dichlorobenzene	6.787	146	248058	43.509	ng		98
13) 1,4-Dichlorobenzene	6.869	146	251707	43.494	ng		100
14) 1,2-Dichlorobenzene	7.016	146	240576	44.059	ng		99
15) Benzyl Alcohol	6.998	79	209833	48.291	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	263675	47.652	ng		86
17) 2-Methylphenol	7.122	107	186708	46.740	ng		98
18) Hexachloroethane	7.357	117	93273	43.293	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	171412	47.022	ng		99
20) 3+4-Methylphenols	7.275	107	251701	47.518	ng	#	81
22) Acetophenone	7.263	105	343084	54.999	ng		95
24) Nitrobenzene	7.439	77	253875	49.719	ng		96
25) Isophorone	7.675	82	389211	46.605	ng		99
26) 2-Nitrophenol	7.751	139	111925	47.592	ng		98
27) 2,4-Dimethylphenol	7.792	122	159479	58.067	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	241798	46.357	ng		97
29) 2,4-Dichlorophenol	8.010	162	177240	46.743	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	183109	42.126	ng		98
31) Naphthalene	8.151	128	619469	45.223	ng		100
32) Benzoic acid	7.945	122	97499	37.431	ng	#	84
33) 4-Chloroaniline	8.216	127	70497	15.496	ng		96
34) Hexachlorobutadiene	8.263	225	125353	42.863	ng		100
35) Caprolactam	8.586	113	52934	46.892	ng	#	84
36) 4-Chloro-3-methylphenol	8.710	107	186624	43.729	ng		99
37) 2-Methylnaphthalene	8.845	142	419512	46.298	ng		99
38) 1-Methylnaphthalene	8.945	142	384423	42.898	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	199628	47.914	ng		99
41) Hexachlorocyclopentadiene	8.992	237	6168	8.820	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	120677	47.303	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121652	43.384	ng		95
46) 1,1'-Biphenyl	9.310	154	526330	48.830	ng		99
47) 2-Chloronaphthalene	9.333	162	377227	45.747	ng		99
48) 2-Nitroaniline	9.439	65	118073	47.412	ng		98
49) Acenaphthylene	9.751	152	590505	48.730	ng		99
50) Dimethylphthalate	9.610	163	451019	47.194	ng		99
51) 2,6-Dinitrotoluene	9.680	165	94174	43.105	ng		97
52) Acenaphthene	9.922	154	351219	45.373	ng		100
53) 3-Nitroaniline	9.851	138	71146	32.815	ng	#	98
54) 2,4-Dinitrophenol	9.975	184	43479	43.994	ng		97
55) Dibenzofuran	10.098	168	524059	43.691	ng		100
56) 4-Nitrophenol	10.045	139	87359	75.190	ng		91
57) 2,4-Dinitrotoluene	10.092	165	118931	41.374	ng	#	99
58) Fluorene	10.439	166	421524	42.597	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	94781	41.482	ng	#	84
60) Diethylphthalate	10.310	149	422974	42.682	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	206463	41.536	ng		99
62) 4-Nitroaniline	10.469	138	77242	34.093	ng		97
63) Azobenzene	10.586	77	420327	45.116	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	39165	34.617	ng	#	76
66) n-Nitrosodiphenylamine	10.545	169	369353	60.168	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	117880	52.774	ng		98
68) Hexachlorobenzene	10.992	284	127508	50.349	ng		97
69) Atrazine	11.074	200	116529	67.968	ng		97
70) Pentachlorophenol	11.198	266	101293	109.399	ng		99
71) Phenanthrene	11.404	178	625974	60.967	ng		99
72) Anthracene	11.457	178	538180	53.225	ng		99
73) Carbazole	11.616	167	483574	48.826	ng		99
74) Di-n-butylphthalate	11.933	149	645211	55.509	ng		100
75) Fluoranthene	12.598	202	697322	58.972	ng		99
77) Benzidine	12.721	184	63311	24.974	ng	#	92
78) Pyrene	12.827	202	701570	63.516	ng		99
80) Butylbenzylphthalate	13.433	149	221492	54.497	ng		99
81) Benzo(a)anthracene	14.021	228	477105	54.196	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	77970	29.356	ng		99
83) Chrysene	14.057	228	430613	53.792	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	348334	66.469	ng		100
85) Di-n-octyl phthalate	14.604	149	443432	55.930	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	312622	48.710	ng		99
88) Benzo(b)fluoranthene	15.080	252	390168m	54.653	ng		
89) Benzo(k)fluoranthene	15.110	252	289213	47.227	ng		98
90) Benzo(a)pyrene	15.457	252	308362	55.162	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	255561	48.065	ng		99
92) Benzo(g,h,i)perylene	17.486	276	255177	47.155	ng		99

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

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