Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140930.D
Acq On : 19 Dec 2024 16:57
Operator : RC/JU
Sample : P5343-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

Quant Time: Dec 20 00:08:07 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	6.845	152	57459	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	198277	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	126175	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	196663	20.000	ng		0.00
76) Chrysene-d12	14.027	240	132383	20.000	ng		0.00
86) Perylene-d12	15.515	264	144485	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	393623	112.772	ng		0.01
7) Phenol-d6	6.504	99	513300	111.029	ng		0.00
23) Nitrobenzene-d5	7.416	82	280416	70.757	ng		0.00
42) 2,4,6-Tribromophenol	10.681	330	137827	92.359	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	579778	63.175	ng		0.00
79) Terphenyl-d14	12.957	244	435503	51.875	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	66682	44.353	ng		99
3) Pyridine	3.452	79	161510	46.387	ng		98
4) n-Nitrosodimethylamine	3.405	42	84012	47.864	ng		93
6) Aniline	6.516	93	123854	31.333	ng	#	53
8) 2-Chlorophenol	6.645	128	214405	56.329	ng		100
9) Benzaldehyde	6.410	77	41981	16.389	ng		99
10) Phenol	6.516	94	260104	54.284	ng		91
11) bis(2-Chloroethyl)ether	6.581	93	197927	55.390	ng		98
12) 1,3-Dichlorobenzene	6.787	146	207580	47.860	ng		98
13) 1,4-Dichlorobenzene	6.863	146	217578	49.420	ng		99
14) 1,2-Dichlorobenzene	7.016	146	225369	54.255	ng		99
15) Benzyl Alcohol	6.998	79	187924	56.851	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	242755	57.669	ng		92
17) 2-Methylphenol	7.122	107	166960	54.941	ng		99
18) Hexachloroethane	7.351	117	72315	44.122	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	127288	45.900	ng		98
20) 3+4-Methylphenols	7.275	107	187430	46.513	ng	#	77
22) Acetophenone	7.263	105	254995	51.411	ng		94
24) Nitrobenzene	7.434	77	188446	46.415	ng		97
25) Isophorone	7.675	82	340081	51.214	ng		99
26) 2-Nitrophenol	7.751	139	96058	51.370	ng		97
27) 2,4-Dimethylphenol	7.792	122	135534	62.064	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	208104	50.177	ng		99
29) 2,4-Dichlorophenol	8.004	162	152297	50.514	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	165478	47.879	ng		100
31) Naphthalene	8.151	128	541816	49.746	ng		100
32) Benzoic acid	7.940	122	81780	39.486	ng		98
33) 4-Chloroaniline	8.210	127	64699m	17.886	ng		
34) Hexachlorobutadiene	8.263	225	109640	47.150	ng		99
35) Caprolactam	8.587	113	48127m	53.620	ng		
36) 4-Chloro-3-methylphenol	8.704	107	169524	49.958	ng		99
37) 2-Methylnaphthalene	8.839	142	369886	51.339	ng		98
38) 1-Methylnaphthalene	8.939	142	345554	48.496	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	186010	47.963	ng		99
41) Hexachlorocyclopentadiene	8.986	237	61917	56.116	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	111393	46.908	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	117619	45.063	ng	99
46) 1,1'-Biphenyl	9.304	154	496958	49.531	ng	99
47) 2-Chloronaphthalene	9.334	162	369025	48.078	ng	100
48) 2-Nitroaniline	9.439	65	111577	48.133	ng	94
49) Acenaphthylene	9.745	152	623286	55.257	ng	100
50) Dimethylphthalate	9.604	163	453952	51.031	ng	100
51) 2,6-Dinitrotoluene	9.681	165	96656	47.529	ng	91
52) Acenaphthene	9.922	154	374983	52.043	ng	99
53) 3-Nitroaniline	9.851	138	57406	28.445	ng	99
54) 2,4-Dinitrophenol	9.975	184	87054	87.102	ng	92
55) Dibenzofuran	10.092	168	555872	49.787	ng	99
56) 4-Nitrophenol	10.045	139	67127	62.844	ng	98
57) 2,4-Dinitrotoluene	10.092	165	125343	46.845	ng	99
58) Fluorene	10.433	166	419175	45.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	104349	49.063	ng	94
60) Diethylphthalate	10.304	149	452096	49.011	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	204352	44.166	ng	96
62) 4-Nitroaniline	10.469	138	85090m	40.347	ng	
63) Azobenzene	10.586	77	453904	52.341	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	63712	57.172	ng	98
66) n-Nitrosodiphenylamine	10.545	169	368650	60.969	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	124835	56.740	ng	96
68) Hexachlorobenzene	10.986	284	139471	55.912	ng	99
69) Atrazine	11.075	200	116300	68.869	ng	98
70) Pentachlorophenol	11.192	266	78439	86.008	ng	99
71) Phenanthrene	11.404	178	612442	60.558	ng	99
72) Anthracene	11.451	178	570641	57.296	ng	100
73) Carbazole	11.616	167	495169	50.759	ng	100
74) Di-n-butylphthalate	11.927	149	631982	55.200	ng	99
75) Fluoranthene	12.592	202	642701	55.181	ng	99
77) Benzidine	12.716	184	90511	33.499	ng	99
78) Pyrene	12.827	202	656451	55.763	ng	100
80) Butylbenzylphthalate	13.427	149	202348	46.714	ng	100
81) Benzo(a)anthracene	14.016	228	520165	55.440	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	78144	27.606	ng	98
83) Chrysene	14.051	228	496742	58.223	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	288483	51.650	ng	99
85) Di-n-octyl phthalate	14.604	149	508539	60.183	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	501995	55.676	ng	99
88) Benzo(b)fluoranthene	15.080	252	547868	54.626	ng	100
89) Benzo(k)fluoranthene	15.110	252	410745	47.743	ng	99
90) Benzo(a)pyrene	15.457	252	478493	60.928	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	393785	52.718	ng	99
92) Benzo(g,h,i)perylene	17.480	276	376247	49.491	ng	99

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

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