Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140935.D
Acq On : 19 Dec 2024 19:08
Operator : RC/JU
Sample : P5301-03MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

Quant Time: Dec 20 00:09:30 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	59192	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	196105	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	89823	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	167636	20.000	ng		0.00
76) Chrysene-d12	14.033	240	122820	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	99558	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	339323	94.369	ng		0.00
7) Phenol-d6	6.504	99	427168	89.693	ng		0.00
23) Nitrobenzene-d5	7.416	82	262949	67.085	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	97662	91.930	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	423047	64.752	ng		0.00
79) Terphenyl-d14	12.957	244	448493	57.581	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	55343	35.733	ng		99
3) Pyridine	3.422	79	139719	38.954	ng		98
4) n-Nitrosodimethylamine	3.369	42	76958	42.561	ng		99
6) Aniline	6.522	93	84418	20.731	ng	#	44
8) 2-Chlorophenol	6.645	128	165810	42.286	ng		99
9) Benzaldehyde	6.410	77	34635	13.125	ng		96
10) Phenol	6.522	94	204961	41.523	ng		87
11) bis(2-Chloroethyl)ether	6.587	93	169049	45.923	ng		98
12) 1,3-Dichlorobenzene	6.792	146	178857	40.030	ng		96
13) 1,4-Dichlorobenzene	6.869	146	184393	40.657	ng		99
14) 1,2-Dichlorobenzene	7.016	146	172025	40.201	ng		98
15) Benzyl Alcohol	7.004	79	144965	42.571	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	183866	42.400	ng		95
17) 2-Methylphenol	7.122	107	124264	39.694	ng		97
18) Hexachloroethane	7.357	117	64969	38.479	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	116954	40.939	ng		99
20) 3+4-Methylphenols	7.292	107	169011	40.714	ng	#	63
22) Acetophenone	7.263	105	233352	47.568	ng	#	92
24) Nitrobenzene	7.434	77	169362	42.176	ng		99
25) Isophorone	7.675	82	292061	44.470	ng		99
26) 2-Nitrophenol	7.751	139	82115	44.400	ng		99
27) 2,4-Dimethylphenol	7.798	122	115786	53.608	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	181344	44.209	ng		98
29) 2,4-Dichlorophenol	8.022	162	125712	42.158	ng		100
30) 1,2,4-Trichlorobenzene	8.075	180	137247	40.151	ng		100
31) Naphthalene	8.151	128	450323	41.804	ng		100
32) Benzoic acid	7.939	122	63980	31.234	ng	#	86
33) 4-Chloroaniline	8.222	127	57995	16.210	ng		98
34) Hexachlorobutadiene	8.263	225	92950	40.416	ng		100
35) Caprolactam	8.575	113	34062	38.370	ng	#	81
36) 4-Chloro-3-methylphenol	8.710	107	118981	35.451	ng		99
37) 2-Methylnaphthalene	8.845	142	277571	38.953	ng		99
38) 1-Methylnaphthalene	8.939	142	251711	35.717	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	127426	46.155	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	77518	45.854	ng		96
44) 2,4,5-Trichlorophenol	9.192	196	77243	41.571	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.304	154	330768	46.309	ng		99
47) 2-Chloronaphthalene	9.333	162	235087	43.023	ng		99
48) 2-Nitroaniline	9.439	65	71522	43.340	ng		96
49) Acenaphthylene	9.751	152	371164	46.222	ng		100
50) Dimethylphthalate	9.604	163	282341	44.584	ng		100
51) 2,6-Dinitrotoluene	9.680	165	57425	39.666	ng		94
52) Acenaphthene	9.922	154	226164	44.092	ng		100
53) 3-Nitroaniline	9.851	138	44414	30.914	ng	#	99
54) 2,4-Dinitrophenol	9.980	184	18892	31.099	ng		92
55) Dibenzofuran	10.092	168	335305	42.186	ng		99
56) 4-Nitrophenol	10.045	139	55745	72.570	ng		91
57) 2,4-Dinitrotoluene	10.092	165	76310	40.062	ng	#	98
58) Fluorene	10.439	166	272314	41.528	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	63984	42.259	ng	#	92
60) Diethylphthalate	10.304	149	270027	41.120	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	130925	39.748	ng		97
62) 4-Nitroaniline	10.469	138	48190	32.098	ng		98
63) Azobenzene	10.586	77	257018	41.632	ng		94
65) 4,6-Dinitro-2-methylph...	10.510	198	17014	17.911	ng	#	69
66) n-Nitrosodiphenylamine	10.545	169	235642	45.720	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	76614	40.852	ng		98
68) Hexachlorobenzene	10.992	284	88116	41.441	ng		99
69) Atrazine	11.074	200	77790	54.041	ng		98
70) Pentachlorophenol	11.198	266	67942	87.398	ng		99
71) Phenanthrene	11.404	178	470076	54.530	ng		99
72) Anthracene	11.457	178	412998	48.648	ng		100
73) Carbazole	11.616	167	370306	44.533	ng		99
74) Di-n-butylphthalate	11.927	149	446044	45.706	ng		100
75) Fluoranthene	12.598	202	594749	59.906	ng		99
77) Benzidine	12.721	184	52871	21.092	ng	#	91
78) Pyrene	12.827	202	615083	56.317	ng		100
80) Butylbenzylphthalate	13.433	149	198502	49.394	ng		99
81) Benzo(a)anthracene	14.027	228	441510	50.721	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	80550	30.671	ng	#	99
83) Chrysene	14.063	228	377556	47.699	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	316173	61.016	ng		99
85) Di-n-octyl phthalate	14.621	149	402099	51.291	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.056	276	310213	49.931	ng		98
88) Benzo(b)fluoranthene	15.104	252	319403	46.218	ng		97
89) Benzo(k)fluoranthene	15.127	252	279331m	47.120	ng		
90) Benzo(a)pyrene	15.474	252	273248	50.495	ng	#	98
91) Dibenzo(a,h)anthracene	17.056	278	245120	47.624	ng		99
92) Benzo(g,h,i)perylene	17.515	276	238757	45.578	ng		99

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

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