Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140936.D
Acq On : 19 Dec 2024 19:34
Operator : RC/JU
Sample : P5301-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624MSD

Quant Time: Dec 20 00:09:56 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	57597	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	185758	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	104796	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	196965	20.000	ng		0.00
76) Chrysene-d12	14.039	240	126111	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	110928	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	334880	95.712	ng		0.01
7) Phenol-d6	6.504	99	413639	89.258	ng		0.00
23) Nitrobenzene-d5	7.416	82	253510	68.279	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	104709	84.481	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	432088	56.687	ng		0.00
79) Terphenyl-d14	12.963	244	450230	56.296	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	56265	37.334	ng		99
3) Pyridine	3.428	79	139640	40.010	ng		99
4) n-Nitrosodimethylamine	3.375	42	74049	42.086	ng		96
6) Aniline	6.522	93	88616	22.365	ng	#	47
8) 2-Chlorophenol	6.651	128	160092	41.959	ng		99
9) Benzaldehyde	6.410	77	35627	13.875	ng		97
10) Phenol	6.522	94	199748	41.588	ng		90
11) bis(2-Chloroethyl)ether	6.587	93	164285	45.865	ng		97
12) 1,3-Dichlorobenzene	6.793	146	174888	40.226	ng		98
13) 1,4-Dichlorobenzene	6.869	146	179575	40.691	ng		98
14) 1,2-Dichlorobenzene	7.022	146	165759	39.809	ng		99
15) Benzyl Alcohol	7.004	79	139355	42.057	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	177798	42.136	ng		89
17) 2-Methylphenol	7.122	107	119878	39.353	ng		97
18) Hexachloroethane	7.357	117	59333	36.114	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	113176	40.713	ng		99
20) 3+4-Methylphenols	7.287	107	159481	39.482	ng	#	65
22) Acetophenone	7.263	105	227952	49.056	ng	#	92
24) Nitrobenzene	7.440	77	160607	42.224	ng		95
25) Isophorone	7.675	82	285190	45.843	ng		99
26) 2-Nitrophenol	7.751	139	78066	44.562	ng		99
27) 2,4-Dimethylphenol	7.798	122	109733	53.636	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	175483	45.163	ng		97
29) 2,4-Dichlorophenol	8.022	162	120287	42.586	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	132346	40.873	ng		99
31) Naphthalene	8.151	128	431778	42.315	ng		100
32) Benzoic acid	7.939	122	60635	31.250	ng	#	88
33) 4-Chloroaniline	8.222	127	66311	19.567	ng		99
34) Hexachlorobutadiene	8.263	225	90650	41.611	ng		99
35) Caprolactam	8.581	113	34422	40.935	ng	#	88
36) 4-Chloro-3-methylphenol	8.710	107	116511	36.649	ng		100
37) 2-Methylnaphthalene	8.845	142	274333	40.643	ng		99
38) 1-Methylnaphthalene	8.945	142	254378	38.106	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	131281	40.757	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	79228	40.170	ng		99
44) 2,4,5-Trichlorophenol	9.192	196	81944	37.800	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.304	154	339650	40.759	ng		100
47) 2-Chloronaphthalene	9.334	162	248602	38.996	ng		99
48) 2-Nitroaniline	9.439	65	79335	41.206	ng		98
49) Acenaphthylene	9.751	152	411253	43.897	ng		100
50) Dimethylphthalate	9.604	163	300849	40.719	ng		100
51) 2,6-Dinitrotoluene	9.681	165	63045	37.326	ng		91
52) Acenaphthene	9.922	154	254149	42.468	ng		99
53) 3-Nitroaniline	9.851	138	58388	34.834	ng	#	98
54) 2,4-Dinitrophenol	9.986	184	9981	17.662	ng	#	71
55) Dibenzofuran	10.092	168	379334	40.906	ng		99
56) 4-Nitrophenol	10.045	139	69599	77.348	ng		93
57) 2,4-Dinitrotoluene	10.092	165	84840	38.176	ng	#	98
58) Fluorene	10.439	166	305233	39.898	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	75228	42.587	ng	#	89
60) Diethylphthalate	10.304	149	303804	39.653	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	146089	38.015	ng		99
62) 4-Nitroaniline	10.469	138	61516	35.120	ng		97
63) Azobenzene	10.586	77	307101	42.637	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	10441	9.355	ng	#	28
66) n-Nitrosodiphenylamine	10.545	169	272310	44.967	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	86282	39.157	ng		97
68) Hexachlorobenzene	10.992	284	98628	39.478	ng		97
69) Atrazine	11.075	200	91915	54.345	ng		99
70) Pentachlorophenol	11.198	266	89929	98.456	ng		98
71) Phenanthrene	11.404	178	555782	54.872	ng		99
72) Anthracene	11.457	178	467038	46.822	ng		100
73) Carbazole	11.616	167	433295	44.349	ng		99
74) Di-n-butylphthalate	11.927	149	501775	43.760	ng		100
75) Fluoranthene	12.598	202	668863	57.340	ng		98
77) Benzidine	12.722	184	78944	30.671	ng	#	92
78) Pyrene	12.833	202	605913	54.029	ng		100
80) Butylbenzylphthalate	13.433	149	216802	52.540	ng		99
81) Benzo(a)anthracene	14.027	228	445835	49.881	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	95549	35.433	ng		98
83) Chrysene	14.063	228	399042	49.097	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	335001	62.962	ng		99
85) Di-n-octyl phthalate	14.621	149	408510	50.749	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.057	276	323876	46.787	ng		98
88) Benzo(b)fluoranthene	15.104	252	338078	43.906	ng	#	96
89) Benzo(k)fluoranthene	15.127	252	286542	43.382	ng	#	98
90) Benzo(a)pyrene	15.474	252	297015	49.261	ng	#	97
91) Dibenzo(a,h)anthracene	17.062	278	258800	45.128	ng		99
92) Benzo(g,h,i)perylene	17.515	276	245489	42.059	ng		97

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

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