Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140741.D
Acq On : 04 Dec 2024 21:41
Operator : RC/JU
Sample : P5072-05MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-738MSD

Quant Time: Dec 05 00:08:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	67125	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	251730	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	137371	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	223576	20.000	ng		0.00
76) Chrysene-d12	14.051	240	128638	20.000	ng		0.00
86) Perylene-d12	15.545	264	118764	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	462510	117.563	ng		0.01
7) Phenol-d6	6.516	99	604964	116.316	ng		0.00
23) Nitrobenzene-d5	7.434	82	393871	80.033	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	169356	115.271	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	756525	82.054	ng		0.00
79) Terphenyl-d14	12.986	244	621008	75.171	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	84047	50.811	ng		100
3) Pyridine	3.475	79	180860	49.695	ng		99
4) n-Nitrosodimethylamine	3.434	42	113593	53.106	ng		98
6) Aniline	6.545	93	115533	31.560	ng		93
8) 2-Chlorophenol	6.663	128	243173	57.453	ng		96
9) Benzaldehyde	6.422	77	75654	27.477	ng		98
10) Phenol	6.534	94	309487	58.266	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	235732	57.997	ng		97
12) 1,3-Dichlorobenzene	6.810	146	255646	53.753	ng		99
13) 1,4-Dichlorobenzene	6.886	146	263674	54.755	ng		100
14) 1,2-Dichlorobenzene	7.039	146	251516	55.740	ng		100
15) Benzyl Alcohol	7.016	79	196696	50.996	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	272355	56.719	ng	#	59
17) 2-Methylphenol	7.139	107	188781	55.718	ng		93
18) Hexachloroethane	7.375	117	97989	54.483	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	174920	56.907	ng		97
20) 3+4-Methylphenols	7.292	107	255823	58.744	ng	#	70
22) Acetophenone	7.281	105	343373	55.951	ng	#	92
24) Nitrobenzene	7.457	77	266230	52.342	ng		98
25) Isophorone	7.692	82	463520	56.468	ng		100
26) 2-Nitrophenol	7.769	139	130204	57.764	ng		99
27) 2,4-Dimethylphenol	7.810	122	193857m	71.880	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	280779	56.149	ng		99
29) 2,4-Dichlorophenol	8.033	162	207800	58.148	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	219303	53.747	ng		98
31) Naphthalene	8.175	128	718261	55.394	ng		99
32) Benzoic acid	7.951	122	89965	39.782	ng		99
33) 4-Chloroaniline	8.263	127	48830	12.578	ng		98
34) Hexachlorobutadiene	8.286	225	145477	53.828	ng		99
35) Caprolactam	8.604	113	62582m	56.588	ng		
36) 4-Chloro-3-methylphenol	8.728	107	220961	55.224	ng		98
37) 2-Methylnaphthalene	8.863	142	469508	57.009	ng		99
38) 1-Methylnaphthalene	8.963	142	429894	53.254	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	230122	57.222	ng		99
41) Hexachlorocyclopentadiene	9.010	237	142287	150.350	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	142811	56.593	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	147826	53.977	ng	97
46) 1,1'-Biphenyl	9.327	154	579282	56.481	ng	99
47) 2-Chloronaphthalene	9.357	162	425331	54.730	ng	99
48) 2-Nitroaniline	9.463	65	138404	55.485	ng	96
49) Acenaphthylene	9.769	152	694090	59.112	ng	100
50) Dimethylphthalate	9.627	163	526185	58.160	ng	100
51) 2,6-Dinitrotoluene	9.698	165	113349	55.242	ng	95
52) Acenaphthene	9.945	154	421968	56.558	ng	99
53) 3-Nitroaniline	9.875	138	68868	34.317	ng	94
54) 2,4-Dinitrophenol	9.992	184	104934	96.913	ng	93
55) Dibenzofuran	10.116	168	633476	55.665	ng	98
56) 4-Nitrophenol	10.057	139	105971	77.428	ng	96
57) 2,4-Dinitrotoluene	10.110	165	147499	54.089	ng	94
58) Fluorene	10.463	166	493490	54.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	121958	57.943	ng	92
60) Diethylphthalate	10.327	149	521296	56.711	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	250093	55.790	ng	98
62) 4-Nitroaniline	10.492	138	100269	47.639	ng	96
63) Azobenzene	10.610	77	507539	58.305	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	77701	68.011	ng	94
66) n-Nitrosodiphenylamine	10.569	169	426966	64.577	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	144019	62.549	ng	98
68) Hexachlorobenzene	11.010	284	158501	59.451	ng	99
69) Atrazine	11.098	200	121388	65.262	ng	97
70) Pentachlorophenol	11.216	266	112366	95.761	ng	99
71) Phenanthrene	11.427	178	633520	58.948	ng	99
72) Anthracene	11.480	178	654381	62.247	ng	100
73) Carbazole	11.639	167	565240	55.891	ng	100
74) Di-n-butylphthalate	11.951	149	713001	61.067	ng	100
75) Fluoranthene	12.616	202	600565	51.469	ng	100
77) Benzidine	12.751	184	89600	23.957	ng	100
78) Pyrene	12.845	202	600815	50.513	ng	99
80) Butylbenzylphthalate	13.457	149	235949	55.067	ng	99
81) Benzo(a)anthracene	14.039	228	506480	59.479	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	119747	46.838	ng	100
83) Chrysene	14.080	228	467444	60.034	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	319470	59.047	ng	99
85) Di-n-octyl phthalate	14.633	149	518358	70.105	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	362414	46.825	ng	99
88) Benzo(b)fluoranthene	15.109	252	430928	57.767	ng	99
89) Benzo(k)fluoranthene	15.139	252	414025	63.424	ng	99
90) Benzo(a)pyrene	15.486	252	379950	62.643	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	299551	47.259	ng	99
92) Benzo(g,h,i)perylene	17.521	276	259522	40.123	ng	99

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

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