Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138740.D
Acq On : 02 Aug 2024 11:25
Operator : RC/JU
Sample : P3396-18MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Quant Time: Aug 02 11:59:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	60696	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	239589	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	126304	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	201242	20.000	ng		0.00
76) Chrysene-d12	14.010	240	110676	20.000	ng		0.00
86) Perylene-d12	15.468	264	130238	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	238518	60.661	ng		0.00
7) Phenol-d6	6.481	99	193340	36.624	ng		0.00
23) Nitrobenzene-d5	7.410	82	479738	97.897	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	157784	152.507	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	839444	99.859	ng		0.00
79) Terphenyl-d14	12.951	244	738333	111.692	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	32780	19.042	ng		95
3) Pyridine	3.387	79	74920	17.966	ng		96
4) n-Nitrosodimethylamine	3.328	42	52590	21.175	ng		100
6) Aniline	6.504	93	170951	36.311	ng		92
8) 2-Chlorophenol	6.634	128	181116	43.781	ng		97
9) Benzaldehyde	6.398	77	13046	4.123	ng		98
10) Phenol	6.498	94	90531	16.288	ng	#	61
11) bis(2-Chloroethyl)ether	6.581	93	223332	52.214	ng		100
12) 1,3-Dichlorobenzene	6.787	146	191298	41.310	ng		99
13) 1,4-Dichlorobenzene	6.863	146	196122	41.967	ng		98
14) 1,2-Dichlorobenzene	7.016	146	189489	43.386	ng		99
15) Benzyl Alcohol	6.987	79	137185	36.055	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	378900	51.474	ng		91
17) 2-Methylphenol	7.104	107	117906	34.516	ng	#	92
18) Hexachloroethane	7.351	117	69970	39.776	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	179279	56.227	ng		97
20) 3+4-Methylphenols	7.257	107	134998	30.801	ng	#	75
22) Acetophenone	7.257	105	303538	51.742	ng		95
24) Nitrobenzene	7.434	77	256022	51.343	ng		97
25) Isophorone	7.669	82	487278	58.233	ng		98
26) 2-Nitrophenol	7.745	139	116503	54.304	ng		99
27) 2,4-Dimethylphenol	7.781	122	137518	53.574	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	283392	55.614	ng		99
29) 2,4-Dichlorophenol	7.992	162	173399	52.571	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	177007	46.502	ng		100
31) Naphthalene	8.151	128	622496	49.360	ng		99
32) Benzoic acid	7.887	122	20713	10.265	ng		97
33) 4-Chloroaniline	8.198	127	180086	42.540	ng		99
34) Hexachlorobutadiene	8.263	225	99494	43.154	ng		98
35) Caprolactam	8.575	113	8842	8.984	ng		98
36) 4-Chloro-3-methylphenol	8.681	107	183871	48.778	ng		100
37) 2-Methylnaphthalene	8.839	142	421882	52.969	ng		100
38) 1-Methylnaphthalene	8.939	142	393445	50.412	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	181146	51.630	ng		99
41) Hexachlorocyclopentadiene	8.986	237	131274	136.015	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	123027	57.510	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	127357	54.458	ng	99
46) 1,1'-Biphenyl	9.304	154	515834	52.147	ng	100
47) 2-Chloronaphthalene	9.328	162	401785	54.613	ng	99
48) 2-Nitroaniline	9.428	65	149625	59.992	ng	98
49) Acenaphthylene	9.745	152	640681	61.401	ng	99
50) Dimethylphthalate	9.604	163	535985	66.367	ng	99
51) 2,6-Dinitrotoluene	9.669	165	107162	58.796	ng	95
52) Acenaphthene	9.916	154	394325	56.219	ng	99
53) 3-Nitroaniline	9.839	138	81301	43.150	ng	97
54) 2,4-Dinitrophenol	9.957	184	95071	113.314	ng	97
55) Dibenzofuran	10.086	168	574853	58.059	ng	99
56) 4-Nitrophenol	10.016	139	34997	30.887	ng	97
57) 2,4-Dinitrotoluene	10.075	165	139598	60.033	ng	97
58) Fluorene	10.433	166	452621	57.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	107649	60.209	ng	96
60) Diethylphthalate	10.304	149	477980	62.420	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	226333	58.366	ng	100
62) 4-Nitroaniline	10.457	138	99872	55.777	ng	98
63) Azobenzene	10.580	77	508808	59.910	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	75532	61.521	ng	98
66) n-Nitrosodiphenylamine	10.545	169	396358	63.010	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	129848	59.595	ng	99
68) Hexachlorobenzene	10.980	284	130801	58.143	ng	96
69) Atrazine	11.069	200	119126	73.402	ng	98
70) Pentachlorophenol	11.175	266	106912	105.434	ng	98
71) Phenanthrene	11.392	178	625380	60.351	ng	100
72) Anthracene	11.445	178	640223	62.716	ng	100
73) Carbazole	11.604	167	526372	59.766	ng	100
74) Di-n-butylphthalate	11.927	149	697969	70.497	ng	100
75) Fluoranthene	12.580	202	573890	59.324	ng	100
77) Benzidine	12.704	184	155942	58.909	ng	99
78) Pyrene	12.810	202	570893	54.786	ng	100
80) Butylbenzylphthalate	13.421	149	239902	71.893	ng	100
81) Benzo(a)anthracene	13.998	228	471803	61.905	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	125642	64.420	ng	99
83) Chrysene	14.033	228	433007	62.974	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	353326	72.308	ng	99
85) Di-n-octyl phthalate	14.592	149	589806	65.240	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	549737	58.901	ng	99
88) Benzo(b)fluoranthene	15.045	252	507851	62.904	ng	100
89) Benzo(k)fluoranthene	15.074	252	418031	59.803	ng	99
90) Benzo(a)pyrene	15.415	252	436045	64.210	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	446510	58.280	ng	99
92) Benzo(g,h,i)perylene	17.392	276	425706	53.546	ng	100

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

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