Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136909.D
Acq On : 03 Jan 2024 15:55
Operator : CG\JU
Sample : 06038-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-402MSD

Quant Time: Jan 03 16:39:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	84501	20.000	ng		-0.01
21) Naphthalene-d8	8.057	136	338450	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	170025	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	307228	20.000	ng		0.00
76) Chrysene-d12	13.963	240	165232	20.000	ng		0.00
86) Perylene-d12	15.445	264	169345	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	535265	98.835	ng		0.02
7) Phenol-d6	6.440	99	639866	91.182	ng		0.00
23) Nitrobenzene-d5	7.351	82	455320	68.841	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	217608	108.672	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	923400	73.046	ng		-0.01
79) Terphenyl-d14	12.904	244	927264	78.424	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	68010	30.139	ng	#	81
3) Pyridine	3.469	79	142393	25.863	ng		96
4) n-Nitrosodimethylamine	3.404	42	98404	33.469	ng	#	98
6) Aniline	6.451	93	81857	11.667	ng	#	1
8) 2-Chlorophenol	6.575	128	218246	36.825	ng		96
9) Benzaldehyde	6.340	77	12361	3.097	ng		94
10) Phenol	6.451	94	234442	31.296	ng		90
11) bis(2-Chloroethyl)ether	6.522	93	204434	35.885	ng		98
12) 1,3-Dichlorobenzene	6.722	146	206534	31.945	ng		99
13) 1,4-Dichlorobenzene	6.798	146	211350	31.993	ng		99
14) 1,2-Dichlorobenzene	6.951	146	201939	32.851	ng		100
15) Benzyl Alcohol	6.934	79	180700	38.168	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	320741	34.436	ng		68
17) 2-Methylphenol	7.051	107	173616	35.361	ng		95
18) Hexachloroethane	7.287	117	74853	31.200	ng		94
19) n-Nitroso-di-n-propyla...	7.198	70	156678	36.831	ng		98
20) 3+4-Methylphenols	7.204	107	225814	36.814	ng	#	60
22) Acetophenone	7.192	105	318686	37.567	ng	#	90
24) Nitrobenzene	7.369	77	221053	33.364	ng		95
25) Isophorone	7.604	82	427272	35.502	ng		100
26) 2-Nitrophenol	7.681	139	117333	37.014	ng		96
27) 2,4-Dimethylphenol	7.722	122	176970	45.856	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	265522	36.296	ng		99
29) 2,4-Dichlorophenol	7.928	162	186661	37.569	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	189426	34.218	ng		99
31) Naphthalene	8.086	128	985900	53.024	ng		99
32) Benzoic acid	7.875	122	138593	37.116	ng		94
33) 4-Chloroaniline	8.151	127	15305	2.229	ng	#	95
34) Hexachlorobutadiene	8.192	225	108121	32.147	ng		97
35) Caprolactam	8.522	113	56003	34.168	ng		96
36) 4-Chloro-3-methylphenol	8.634	107	203936	36.460	ng		98
37) 2-Methylnaphthalene	8.775	142	459146	38.370	ng		99
38) 1-Methylnaphthalene	8.875	142	450426	38.367	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	207869	39.477	ng		99
41) Hexachlorocyclopentadiene	8.922	237	143888	85.354	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	135294	40.064	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	145487	38.661	ng		98
46) 1,1'-Biphenyl	9.239	154	567941	39.806	ng		99
47) 2-Chloronaphthalene	9.263	162	401682	37.033	ng		99
48) 2-Nitroaniline	9.369	65	125740	37.020	ng		97
49) Acenaphthylene	9.681	152	678025	40.897	ng		99
50) Dimethylphthalate	9.545	163	492851	39.685	ng		100
51) 2,6-Dinitrotoluene	9.610	165	106647	37.838	ng	#	84
52) Acenaphthene	9.851	154	410032	39.899	ng		99
53) 3-Nitroaniline	9.781	138	19002	6.364	ng		90
54) 2,4-Dinitrophenol	9.898	184	103918	67.154	ng		95
55) Dibenzofuran	10.028	168	591046	37.940	ng		98
56) 4-Nitrophenol	9.963	139	120473	59.773	ng		97
57) 2,4-Dinitrotoluene	10.022	165	133631	36.521	ng		95
58) Fluorene	10.369	166	493518	39.926	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	118051	40.753	ng		99
60) Diethylphthalate	10.245	149	502334	38.984	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	231663	38.558	ng		94
62) 4-Nitroaniline	10.404	138	80064	27.817	ng		94
63) Azobenzene	10.522	77	444100	36.900	ng		99
65) 4,6-Dinitro-2-methylph...	10.428	198	67088	38.103	ng		97
66) n-Nitrosodiphenylamine	10.486	169	402681	40.348	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	138610	40.624	ng		98
68) Hexachlorobenzene	10.916	284	155248	40.829	ng		97
69) Atrazine	11.016	200	88291	34.588	ng		99
70) Pentachlorophenol	11.122	266	148879	84.002	ng		100
71) Phenanthrene	11.339	178	678880	43.065	ng		100
72) Anthracene	11.386	178	664537	41.625	ng		99
73) Carbazole	11.545	167	553941	36.802	ng		100
74) Di-n-butylphthalate	11.874	149	794417	43.253	ng		100
75) Fluoranthene	12.527	202	635288	37.675	ng		97
77) Benzidine	12.657	184	21687	4.451	ng		98
78) Pyrene	12.757	202	623063	38.413	ng		99
80) Butylbenzylphthalate	13.380	149	266064	45.080	ng		95
81) Benzo(a)anthracene	13.957	228	469092	40.885	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	48187	14.789	ng		96
83) Chrysene	13.992	228	441659	39.364	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	374622	50.448	ng	#	97
85) Di-n-octyl phthalate	14.563	149	610517	53.149	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	491102	40.166	ng		100
88) Benzo(b)fluoranthene	15.010	252	459941	40.664	ng		99
89) Benzo(k)fluoranthene	15.045	252	406110	37.998	ng		99
90) Benzo(a)pyrene	15.380	252	390221	40.872	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	412405	41.113	ng		97
92) Benzo(g,h,i)perylene	17.409	276	376839	36.679	ng		98

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

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