Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141738.D
Acq On : 24 Feb 2025 11:56
Operator : RC/JU
Sample : Q1397-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP8MS

Quant Time: Feb 24 12:17:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	91091	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	351581	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	192003	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	314682	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	197837	20.000	ng		-0.02
86) Perylene-d12	15.380	264	215142	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	639672	110.092	ng		0.00
7) Phenol-d6	6.428	99	791493	107.777	ng		-0.01
23) Nitrobenzene-d5	7.345	82	519261	77.034	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	212772	110.316	ng		-0.02
45) 2-Fluorobiphenyl	9.134	172	974716	78.212	ng		-0.02
79) Terphenyl-d14	12.880	244	931889	79.519	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.558	88	95821	40.975	ng		95
3) Pyridine	3.287	79	215783	38.776	ng		95
4) n-Nitrosodimethylamine	3.234	42	129644	35.184	ng		88
6) Aniline	6.445	93	122618	17.800	ng	#	31
8) 2-Chlorophenol	6.569	128	254721	40.572	ng		98
9) Benzaldehyde	6.334	77	107314	27.499	ng		97
10) Phenol	6.440	94	306515	40.102	ng		84
11) bis(2-Chloroethyl)ether	6.516	93	233655	40.699	ng		99
12) 1,3-Dichlorobenzene	6.722	146	267701	40.389	ng		97
13) 1,4-Dichlorobenzene	6.798	146	274383	40.517	ng		98
14) 1,2-Dichlorobenzene	6.951	146	261656	41.630	ng		99
15) Benzyl Alcohol	6.928	79	213864	37.976	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	363839	37.022	ng		76
17) 2-Methylphenol	7.045	107	197477	40.194	ng		97
18) Hexachloroethane	7.287	117	101243	40.396	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	173929	39.594	ng		93
20) 3+4-Methylphenols	7.204	107	258716	41.435	ng	#	71
22) Acetophenone	7.192	105	387304	44.285	ng		92
24) Nitrobenzene	7.363	77	260774	39.674	ng		99
25) Isophorone	7.604	82	462444	43.027	ng		99
26) 2-Nitrophenol	7.681	139	136079	41.612	ng		93
27) 2,4-Dimethylphenol	7.722	122	202532	53.015	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	279855	40.635	ng		99
29) 2,4-Dichlorophenol	7.928	162	209753	40.636	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	229304	40.794	ng		99
31) Naphthalene	8.081	128	738974	40.379	ng		100
32) Benzoic acid	7.834	122	43297m	10.911	ng		
33) 4-Chloroaniline	8.145	127	42867	6.709	ng		97
34) Hexachlorobutadiene	8.198	225	138626	41.081	ng		100
35) Caprolactam	8.504	113	67308m	42.828	ng		
36) 4-Chloro-3-methylphenol	8.628	107	225507	39.440	ng		100
37) 2-Methylnaphthalene	8.775	142	468571	39.345	ng		99
38) 1-Methylnaphthalene	8.875	142	455312	39.474	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	254575	45.829	ng		99
41) Hexachlorocyclopentadiene	8.928	237	217358	117.643	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	143854	40.069	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	155470	39.957	ng	97
46) 1,1'-Biphenyl	9.239	154	671455	45.108	ng	100
47) 2-Chloronaphthalene	9.263	162	452609	41.118	ng	99
48) 2-Nitroaniline	9.363	65	148583	40.221	ng	98
49) Acenaphthylene	9.675	152	699906	42.749	ng	99
50) Dimethylphthalate	9.539	163	539673	41.403	ng	100
51) 2,6-Dinitrotoluene	9.604	165	117309	41.169	ng	99
52) Acenaphthene	9.845	154	441862	40.144	ng	100
53) 3-Nitroaniline	9.775	138	50742	16.545	ng	93
54) 2,4-Dinitrophenol	9.892	184	73068	43.146	ng	88
55) Dibenzofuran	10.022	168	632654	39.159	ng	99
56) 4-Nitrophenol	9.957	139	168692	74.097	ng	93
57) 2,4-Dinitrotoluene	10.010	165	157495	41.519	ng	99
58) Fluorene	10.363	166	511826	40.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	131747	39.329	ng	92
60) Diethylphthalate	10.239	149	513345	40.028	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	244403	40.668	ng	97
62) 4-Nitroaniline	10.392	138	117956	37.878	ng	96
63) Azobenzene	10.516	77	557299	43.712	ng	92
65) 4,6-Dinitro-2-methylph...	10.422	198	63719	29.149	ng	94
66) n-Nitrosodiphenylamine	10.475	169	438481	43.529	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	151289	43.017	ng	99
68) Hexachlorobenzene	10.910	284	159250	43.973	ng	99
69) Atrazine	11.004	200	163248	54.020	ng	99
70) Pentachlorophenol	11.110	266	128830	55.634	ng	99
71) Phenanthrene	11.328	178	798838	46.117	ng	100
72) Anthracene	11.375	178	760692	43.686	ng	100
73) Carbazole	11.533	167	639289	40.803	ng	100
74) Di-n-butylphthalate	11.863	149	755434	41.757	ng	99
75) Fluoranthene	12.510	202	808526	44.027	ng	99
77) Benzidine	12.639	184	190262	43.606	ng	98
78) Pyrene	12.739	202	775892	46.071	ng	100
80) Butylbenzylphthalate	13.357	149	251466	43.108	ng	98
81) Benzo(a)anthracene	13.927	228	594736	45.224	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	112196	29.783	ng	99
83) Chrysene	13.963	228	555920	45.782	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	321878	48.924	ng	99
85) Di-n-octyl phthalate	14.527	149	526487	56.095	ng	97
87) Indeno(1,2,3-cd)pyrene	16.821	276	633889	47.684	ng	99
88) Benzo(b)fluoranthene	14.968	252	616348	42.666	ng	100
89) Benzo(k)fluoranthene	14.992	252	504478	40.897	ng	99
90) Benzo(a)pyrene	15.321	252	542893	46.445	ng	98
91) Dibenzo(a,h)anthracene	16.833	278	501376	46.547	ng	99
92) Benzo(g,h,i)perylene	17.251	276	490913	43.552	ng	99

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

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