Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138028.D
Acq On : 23 May 2024 15:30
Operator : CG\JU
Sample : P2556-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Quant Time: May 23 16:24:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.039	152	141708	20.000	ng		0.00
21) Naphthalene-d8	8.322	136	559038	20.000	ng		0.00
39) Acenaphthene-d10	10.086	164	312465	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	490046	20.000	ng		0.00
76) Chrysene-d12	14.233	240	268822	20.000	ng		0.00
86) Perylene-d12	15.792	264	305622	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	1067694	127.984	ng		0.02
7) Phenol-d6	6.663	99	1245560	121.204	ng		0.00
23) Nitrobenzene-d5	7.604	82	849878	89.467	ng		0.00
42) 2,4,6-Tribromophenol	10.880	330	461260	146.405	ng		0.00
45) 2-Fluorobiphenyl	9.398	172	1838811	90.650	ng		0.00
79) Terphenyl-d14	13.168	244	1607591	88.135	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	138126	38.220	ng	#	86
3) Pyridine	3.845	79	317277	39.126	ng		98
4) n-Nitrosodimethylamine	3.793	42	168322	47.052	ng		98
6) Aniline	6.704	93	280944m	30.565	ng		
8) 2-Chlorophenol	6.822	128	439837	48.718	ng		99
9) Benzaldehyde	6.592	77	42540	7.651	ng		97
10) Phenol	6.675	94	462832	44.620	ng		97
11) bis(2-Chloroethyl)ether	6.769	93	386781	48.564	ng		99
12) 1,3-Dichlorobenzene	6.981	146	458412	43.886	ng		100
13) 1,4-Dichlorobenzene	7.057	146	465385	44.386	ng		100
14) 1,2-Dichlorobenzene	7.204	146	443327	44.926	ng		98
15) Benzyl Alcohol	7.181	79	369780	53.887	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	478470	48.873	ng		98
17) 2-Methylphenol	7.281	107	344651	47.869	ng		99
18) Hexachloroethane	7.551	117	158394	44.643	ng		94
19) n-Nitroso-di-n-propyla...	7.445	70	290496	50.315	ng		100
20) 3+4-Methylphenols	7.433	107	448658	47.566	ng	#	88
22) Acetophenone	7.445	105	602221	48.088	ng		98
24) Nitrobenzene	7.622	77	441545	45.819	ng		100
25) Isophorone	7.857	82	807466	48.977	ng		96
26) 2-Nitrophenol	7.933	139	242445	50.070	ng		99
27) 2,4-Dimethylphenol	7.957	122	326601	52.389	ng		98
28) bis(2-Chloroethoxy)met...	8.057	93	492201	49.259	ng		99
29) 2,4-Dichlorophenol	8.175	162	392156	50.024	ng		97
30) 1,2,4-Trichlorobenzene	8.257	180	399118	45.598	ng		100
31) Naphthalene	8.345	128	1296507	46.125	ng		100
32) Benzoic acid	8.098	122	322170	61.134	ng		98
33) 4-Chloroaniline	8.386	127	122425	13.286	ng		96
34) Hexachlorobutadiene	8.451	225	243208	43.899	ng		99
35) Caprolactam	8.775	113	112710m	49.625	ng		
36) 4-Chloro-3-methylphenol	8.869	107	397507	49.846	ng		98
37) 2-Methylnaphthalene	9.033	142	868876	48.089	ng		98
38) 1-Methylnaphthalene	9.133	142	814185	45.836	ng		100
40) 1,2,4,5-Tetrachloroben...	9.198	216	419234	49.352	ng		99
41) Hexachlorocyclopentadiene	9.186	237	375393	116.300	ng		98
43) 2,4,6-Trichlorophenol	9.310	196	289630	52.001	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	306266	50.255	ng		94
46) 1,1'-Biphenyl	9.498	154	1083254	49.428	ng		99
47) 2-Chloronaphthalene	9.527	162	828546	47.360	ng		98
48) 2-Nitroaniline	9.622	65	225110	50.248	ng		99
49) Acenaphthylene	9.951	152	1299973	51.678	ng		99
50) Dimethylphthalate	9.798	163	1012709	51.685	ng		99
51) 2,6-Dinitrotoluene	9.863	165	223474	49.693	ng		98
52) Acenaphthene	10.121	154	854903	51.419	ng		99
53) 3-Nitroaniline	10.033	138	137048	31.173	ng		99
54) 2,4-Dinitrophenol	10.145	184	195775	80.531	ng	#	76
55) Dibenzofuran	10.292	168	1184162	48.939	ng		100
56) 4-Nitrophenol	10.192	139	300314	95.108	ng		95
57) 2,4-Dinitrotoluene	10.274	165	296426	50.987	ng		97
58) Fluorene	10.639	166	919486	48.043	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	249476	52.109	ng		97
60) Diethylphthalate	10.504	149	945726	51.680	ng		99
61) 4-Chlorophenyl-phenyle...	10.621	204	466771	49.455	ng		99
62) 4-Nitroaniline	10.657	138	195765	46.948	ng		100
63) Azobenzene	10.786	77	835147	50.173	ng		100
65) 4,6-Dinitro-2-methylph...	10.680	198	143690	50.782	ng		98
66) n-Nitrosodiphenylamine	10.745	169	797185	53.046	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	285795	53.198	ng		99
68) Hexachlorobenzene	11.186	284	297677	50.127	ng		98
69) Atrazine	11.274	200	249186	60.722	ng		99
70) Pentachlorophenol	11.380	266	356021	102.347	ng		99
71) Phenanthrene	11.610	178	1206144	49.946	ng		99
72) Anthracene	11.663	178	1234313	51.515	ng		99
73) Carbazole	11.810	167	1018730	46.544	ng		99
74) Di-n-butylphthalate	12.127	149	1328050	54.674	ng		100
75) Fluoranthene	12.798	202	1071502	43.714	ng		99
77) Benzidine	12.921	184	12851	3.658	ng	#	86
78) Pyrene	13.033	202	1041798	44.309	ng		100
80) Butylbenzylphthalate	13.633	149	416822	58.774	ng		98
81) Benzo(a)anthracene	14.221	228	885568	52.070	ng		100
82) 3,3'-Dichlorobenzidine	14.180	252	186919	39.658	ng		98
83) Chrysene	14.257	228	831354	51.112	ng		99
84) Bis(2-ethylhexyl)phtha...	14.186	149	557293	62.512	ng		99
85) Di-n-octyl phthalate	14.815	149	923325	76.665	ng		100
87) Indeno(1,2,3-cd)pyrene	17.427	276	761703	38.792	ng		99
88) Benzo(b)fluoranthene	15.327	252	879091	49.678	ng		99
89) Benzo(k)fluoranthene	15.356	252	879430	50.588	ng		99
90) Benzo(a)pyrene	15.733	252	817137	54.078	ng		99
91) Dibenzo(a,h)anthracene	17.445	278	628890	38.765	ng		97
92) Benzo(g,h,i)perylene	17.921	276	529659	31.079	ng		98

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

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