Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136972.D
Acq On : 05 Jan 2024 13:15
Operator : CG\JU
Sample : P1005-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 05 13:36:16 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

Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	64479	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	245666	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	121395	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	226201	20.000	ng		0.00
76) Chrysene-d12	13.974	240	127153	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	140217	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	366669	88.728	ng		0.01
7) Phenol-d6	6.439	99	455519	85.068	ng		0.00
23) Nitrobenzene-d5	7.351	82	289608	60.324	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	128364	89.784	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	581506	64.427	ng		-0.01
79) Terphenyl-d14	12.904	244	543768	59.763	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	67684	39.309	ng		97
3) Pyridine	3.375	79	158321	37.685	ng		97
4) n-Nitrosodimethylamine	3.346	42	87336	38.929	ng		95
6) Aniline	6.451	93	93346	17.436	ng	#	1
8) 2-Chlorophenol	6.575	128	191610	42.370	ng		96
9) Benzaldehyde	6.339	77	35210	11.560	ng		98
10) Phenol	6.451	94	221726	38.789	ng		96
11) bis(2-Chloroethyl)ether	6.522	93	178571	41.078	ng		99
12) 1,3-Dichlorobenzene	6.728	146	198199	40.175	ng		95
13) 1,4-Dichlorobenzene	6.804	146	202660	40.204	ng		95
14) 1,2-Dichlorobenzene	6.951	146	192748	41.093	ng		99
15) Benzyl Alcohol	6.934	79	154209	42.687	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	280786	39.507	ng		58
17) 2-Methylphenol	7.051	107	149964	40.028	ng	#	91
18) Hexachloroethane	7.286	117	73674	40.244	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	130341	40.154	ng		97
20) 3+4-Methylphenols	7.204	107	192519	41.132	ng	#	60
22) Acetophenone	7.192	105	267781	43.488	ng	#	87
24) Nitrobenzene	7.369	77	192235	39.972	ng		96
25) Isophorone	7.604	82	351282	40.212	ng		99
26) 2-Nitrophenol	7.681	139	99162	43.096	ng		94
27) 2,4-Dimethylphenol	7.728	122	144926	51.736	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	220246	41.478	ng		99
29) 2,4-Dichlorophenol	7.928	162	152123	42.181	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	164941	41.049	ng		99
31) Naphthalene	8.086	128	548697	40.656	ng		100
32) Benzoic acid	7.869	122	108601	40.068	ng		97
33) 4-Chloroaniline	8.139	127	25513	5.120	ng		95
34) Hexachlorobutadiene	8.192	225	98856	40.493	ng		99
35) Caprolactam	8.522	113	49001m	41.187	ng		
36) 4-Chloro-3-methylphenol	8.639	107	161347	39.741	ng		96
37) 2-Methylnaphthalene	8.775	142	349249	40.209	ng		100
38) 1-Methylnaphthalene	8.875	142	336760	39.519	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	170767	45.422	ng		97
41) Hexachlorocyclopentadiene	8.922	237	108493	89.865	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	104657	43.407	ng		97

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44) 2,4,5-Trichlorophenol	9.110	196	109305	40.682	ng	96
46) 1,1'-Biphenyl	9.239	154	457540	44.915	ng	98
47) 2-Chloronaphthalene	9.269	162	333500	43.064	ng	97
48) 2-Nitroaniline	9.375	65	103307	42.599	ng	90
49) Acenaphthylene	9.680	152	545191	46.058	ng	99
50) Dimethylphthalate	9.545	163	377999	42.630	ng	99
51) 2,6-Dinitrotoluene	9.616	165	82196	40.845	ng	99
52) Acenaphthene	9.857	154	309535	42.185	ng	98
53) 3-Nitroaniline	9.786	138	35114	16.472	ng	93
54) 2,4-Dinitrophenol	9.904	184	78627	70.942	ng	98
55) Dibenzofuran	10.027	168	462956	41.623	ng	99
56) 4-Nitrophenol	9.969	139	94836	65.902	ng	94
57) 2,4-Dinitrotoluene	10.022	165	102887	39.383	ng	92
58) Fluorene	10.375	166	375749	42.576	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	90224	43.624	ng	95
60) Diethylphthalate	10.245	149	379244	41.222	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	178473	41.605	ng	98
62) 4-Nitroaniline	10.404	138	78568	38.232	ng	96
63) Azobenzene	10.527	77	352999	41.080	ng	95
65) 4,6-Dinitro-2-methylph...	10.433	198	53536	41.297	ng	95
66) n-Nitrosodiphenylamine	10.486	169	326981	44.499	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	105917	42.162	ng	94
68) Hexachlorobenzene	10.922	284	119613	42.726	ng	99
69) Atrazine	11.022	200	100486	53.467	ng	99
70) Pentachlorophenol	11.127	266	89403	68.513	ng	95
71) Phenanthrene	11.339	178	521474	44.929	ng	100
72) Anthracene	11.392	178	519552	44.201	ng	99
73) Carbazole	11.551	167	458378	41.362	ng	100
74) Di-n-butylphthalate	11.880	149	586379	43.362	ng	100
75) Fluoranthene	12.533	202	535008	43.094	ng	97
77) Benzidine	12.663	184	138586	36.964	ng	99
78) Pyrene	12.763	202	525642	42.111	ng	99
80) Butylbenzylphthalate	13.386	149	202540	44.594	ng	98
81) Benzo(a)anthracene	13.963	228	398029	45.080	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	64672	25.792	ng	99
83) Chrysene	13.998	228	362240	41.954	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	280086	49.013	ng	98
85) Di-n-octyl phthalate	14.562	149	434390	49.141	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	470904	46.514	ng	99
88) Benzo(b)fluoranthene	15.021	252	401437	42.865	ng	97
89) Benzo(k)fluoranthene	15.051	252	324491	36.669	ng	100
90) Benzo(a)pyrene	15.398	252	340889	43.122	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	385707	46.439	ng	97
92) Benzo(g,h,i)perylene	17.445	276	394628	46.390	ng	99

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

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