Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136794.D
Acq On : 28 Dec 2023 14:53
Operator : CG\JU
Sample : 05926-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 28 15:11:37 2023
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 :
MR-319-0-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	72965	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	290998	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	162984	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	333650	20.000	ng		0.00
76) Chrysene-d12	13.968	240	183962	20.000	ng		0.00
86) Perylene-d12	15.445	264	175478	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	595894	127.426	ng		0.02
7) Phenol-d6	6.439	99	726517	119.898	ng		0.00
23) Nitrobenzene-d5	7.351	82	500843	88.072	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	257847	134.330	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1037106	85.585	ng		0.00
79) Terphenyl-d14	12.910	244	1214409	92.253	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	77564	39.808	ng	#	81
3) Pyridine	3.498	79	171559	36.087	ng		96
4) n-Nitrosodimethylamine	3.434	42	113608	44.750	ng		97
6) Aniline	6.451	93	127142	20.987	ng	#	1
8) 2-Chlorophenol	6.575	128	235258	45.971	ng		96
9) Benzaldehyde	6.339	77	23376	6.782	ng		95
10) Phenol	6.451	94	268111	41.449	ng		96
11) bis(2-Chloroethyl)ether	6.528	93	212088	43.114	ng		98
12) 1,3-Dichlorobenzene	6.728	146	200761	35.961	ng		96
13) 1,4-Dichlorobenzene	6.804	146	208378	36.530	ng		97
14) 1,2-Dichlorobenzene	6.951	146	201394	37.942	ng		98
15) Benzyl Alcohol	6.933	79	209904	51.347	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	329112	40.921	ng		73
17) 2-Methylphenol	7.051	107	194690	45.923	ng		95
18) Hexachloroethane	7.286	117	72856	35.169	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	166645	45.368	ng		98
20) 3+4-Methylphenols	7.204	107	249188	47.048	ng	#	62
22) Acetophenone	7.192	105	341514	46.822	ng	#	92
24) Nitrobenzene	7.369	77	240693	42.252	ng		98
25) Isophorone	7.604	82	473068	45.717	ng		98
26) 2-Nitrophenol	7.680	139	125355	45.993	ng		96
27) 2,4-Dimethylphenol	7.722	122	193123	58.202	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	284230	45.189	ng		99
29) 2,4-Dichlorophenol	7.928	162	205021	47.993	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	195403	41.054	ng		98
31) Naphthalene	8.086	128	668489	41.815	ng		100
32) Benzoic acid	7.833	122	48955	15.248	ng		97
33) 4-Chloroaniline	8.133	127	34451	5.837	ng		98
34) Hexachlorobutadiene	8.192	225	106847	36.948	ng		97
35) Caprolactam	8.522	113	71658m	50.848	ng		
36) 4-Chloro-3-methylphenol	8.639	107	238521	49.597	ng		96
37) 2-Methylnaphthalene	8.775	142	450768	43.813	ng		100
38) 1-Methylnaphthalene	8.874	142	443070	43.895	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	227082	44.989	ng		99
41) Hexachlorocyclopentadiene	8.922	237	104256	65.712	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	152247	47.032	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	166454	46.144	ng		95
46) 1,1'-Biphenyl	9.245	154	623605	45.596	ng		100
47) 2-Chloronaphthalene	9.269	162	451767	43.450	ng		97
48) 2-Nitroaniline	9.369	65	160345	49.247	ng		98
49) Acenaphthylene	9.686	152	765282	48.155	ng		99
50) Dimethylphthalate	9.551	163	571052	47.968	ng		99
51) 2,6-Dinitrotoluene	9.616	165	126184	46.704	ng		95
52) Acenaphthene	9.857	154	438295	44.491	ng		100
53) 3-Nitroaniline	9.780	138	58007	20.268	ng		97
54) 2,4-Dinitrophenol	9.892	184	40706	29.650	ng	#	82
55) Dibenzofuran	10.027	168	679795	45.522	ng		100
56) 4-Nitrophenol	9.969	139	172608	89.339	ng		97
57) 2,4-Dinitrotoluene	10.021	165	162130	46.224	ng		95
58) Fluorene	10.374	166	555055	46.844	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	144978	52.210	ng		97
60) Diethylphthalate	10.251	149	587708	47.580	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	258491	44.882	ng		99
62) 4-Nitroaniline	10.404	138	131354m	47.608	ng		
63) Azobenzene	10.527	77	546307	47.354	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	41695	21.805	ng		94
66) n-Nitrosodiphenylamine	10.486	169	504951	46.589	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	166694	44.986	ng		96
68) Hexachlorobenzene	10.921	284	184241	44.617	ng		97
69) Atrazine	11.021	200	165445	59.681	ng		99
70) Pentachlorophenol	11.121	266	156978	81.558	ng		98
71) Phenanthrene	11.339	178	813002	47.489	ng		99
72) Anthracene	11.392	178	823968	47.524	ng		99
73) Carbazole	11.551	167	773725	47.333	ng		100
74) Di-n-butylphthalate	11.880	149	980568	49.160	ng		99
75) Fluoranthene	12.533	202	859436	46.932	ng		98
77) Benzidine	12.657	184	141586	26.102	ng		100
78) Pyrene	12.762	202	852909	47.229	ng		100
80) Butylbenzylphthalate	13.386	149	355760	54.140	ng		99
81) Benzo(a)anthracene	13.957	228	596484	46.695	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	96096	26.489	ng		96
83) Chrysene	13.998	228	581957	46.587	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	484606	58.614	ng		97
85) Di-n-octyl phthalate	14.562	149	748628	58.537	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	603913	47.666	ng		100
88) Benzo(b)fluoranthene	15.015	252	525593	44.845	ng		99
89) Benzo(k)fluoranthene	15.045	252	503420	45.457	ng		99
90) Benzo(a)pyrene	15.386	252	459908	46.487	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	505142	48.598	ng		97
92) Benzo(g,h,i)perylene	17.415	276	484721	45.531	ng		100

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

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