Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
Data File : BF139523.D
Acq On : 24 Sep 2024 16:38
Operator : RC/JU
Sample : P4149-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 17:11:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMP-8MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	53005	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	205911	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	115972	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	223568	20.000	ng		0.00
76) Chrysene-d12	14.039	240	124871	20.000	ng	#	0.00
86) Perylene-d12	15.510	264	127847	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	254464	78.317	ng		0.00
7) Phenol-d6	6.504	99	350160	82.106	ng		0.00
23) Nitrobenzene-d5	7.440	82	230698	52.671	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	89172	72.224	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	439262	53.123	ng		0.00
79) Terphenyl-d14	12.980	244	445989	58.624	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	56599	43.419	ng		97
3) Pyridine	3.381	79	142064	49.429	ng		98
4) n-Nitrosodimethylamine	3.334	42	103336	41.482	ng		84
6) Aniline	6.540	93	153485	47.689	ng		99
8) 2-Chlorophenol	6.663	128	161382	48.251	ng		97
9) Benzaldehyde	6.422	77	24219	9.829	ng		99
10) Phenol	6.522	94	218112	50.215	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	155749	47.177	ng		99
12) 1,3-Dichlorobenzene	6.816	146	169119	44.461	ng		98
13) 1,4-Dichlorobenzene	6.893	146	174098	45.293	ng		98
14) 1,2-Dichlorobenzene	7.045	146	164792	45.371	ng		98
15) Benzyl Alcohol	7.016	79	148854	43.748	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	282237	55.473	ng		99
17) 2-Methylphenol	7.128	107	131146	49.353	ng		96
18) Hexachloroethane	7.387	117	63550	43.407	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	121443	48.054	ng		99
20) 3+4-Methylphenols	7.281	107	168231	46.403	ng	#	84
22) Acetophenone	7.281	105	229073	42.554	ng		99
24) Nitrobenzene	7.457	77	187766	41.652	ng		98
25) Isophorone	7.698	82	326419	47.122	ng		99
26) 2-Nitrophenol	7.775	139	84468	48.095	ng		91
27) 2,4-Dimethylphenol	7.810	122	131250m	56.654	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	188253	47.684	ng		97
29) 2,4-Dichlorophenol	8.016	162	138393	47.023	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	142176	41.461	ng		99
31) Naphthalene	8.181	128	481505	44.792	ng		100
32) Benzoic acid	7.892	122	37295	17.202	ng		95
33) 4-Chloroaniline	8.234	127	35693	10.854	ng		99
34) Hexachlorobutadiene	8.298	225	93628	40.188	ng		99
35) Caprolactam	8.587	113	44107m	48.719	ng		
36) 4-Chloro-3-methylphenol	8.716	107	154009	45.788	ng		95
37) 2-Methylnaphthalene	8.869	142	323364	47.392	ng		100
38) 1-Methylnaphthalene	8.969	142	296113	44.204	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	149484	43.492	ng		98
41) Hexachlorocyclopentadiene	9.022	237	142854	119.038	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	99528	44.509	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	106434	45.123	ng		98
46) 1,1'-Biphenyl	9.334	154	399147	44.737	ng		99
47) 2-Chloronaphthalene	9.357	162	297327	44.570	ng		100
48) 2-Nitroaniline	9.457	65	117399	47.314	ng		99
49) Acenaphthylene	9.775	152	498333	49.626	ng		100
50) Dimethylphthalate	9.634	163	355146	46.658	ng		100
51) 2,6-Dinitrotoluene	9.698	165	78365	46.473	ng		92
52) Acenaphthene	9.945	154	335188	47.826	ng		99
53) 3-Nitroaniline	9.869	138	68074	40.395	ng		88
54) 2,4-Dinitrophenol	9.975	184	53268	56.692	ng	#	85
55) Dibenzofuran	10.122	168	457565	46.841	ng		95
56) 4-Nitrophenol	10.028	139	125072	89.695	ng		85
57) 2,4-Dinitrotoluene	10.098	165	110582	48.574	ng		97
58) Fluorene	10.463	166	364769	45.767	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	85725	43.934	ng		96
60) Diethylphthalate	10.334	149	363279	46.248	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	173531	44.800	ng		97
62) 4-Nitroaniline	10.481	138	87608	47.634	ng		88
63) Azobenzene	10.616	77	393418	50.922	ng		92
65) 4,6-Dinitro-2-methylph...	10.510	198	42815	36.285	ng		88
66) n-Nitrosodiphenylamine	10.575	169	312615	47.827	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	102182	46.122	ng		96
68) Hexachlorobenzene	11.010	284	116592	44.840	ng		97
69) Atrazine	11.098	200	98025	62.994	ng		98
70) Pentachlorophenol	11.204	266	104318	66.862	ng		98
71) Phenanthrene	11.422	178	530384	49.172	ng		99
72) Anthracene	11.475	178	528817	50.144	ng		99
73) Carbazole	11.633	167	484577	48.009	ng		99
74) Di-n-butylphthalate	11.957	149	557269	49.562	ng		99
75) Fluoranthene	12.610	202	531746	46.163	ng		98
77) Benzidine	12.733	184	147064	82.203	ng		99
78) Pyrene	12.839	202	520394	48.536	ng		100
80) Butylbenzylphthalate	13.457	149	187425	51.356	ng		99
81) Benzo(a)anthracene	14.027	228	405657	49.043	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	95119	39.268	ng		98
83) Chrysene	14.063	228	367803	48.333	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	236108	50.856	ng		99
85) Di-n-octyl phthalate	14.627	149	388049	56.755	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	274131	36.060	ng		97
88) Benzo(b)fluoranthene	15.080	252	383892	48.688	ng		98
89) Benzo(k)fluoranthene	15.110	252	340723	46.867	ng		99
90) Benzo(a)pyrene	15.445	252	332178	50.798	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	225702	35.929	ng		98
92) Benzo(g,h,i)perylene	17.427	276	190987	30.706	ng	#	97

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

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