Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
Data File : BF139370.D
Acq On : 14 Sep 2024 16:11
Operator : RC/JU
Sample : P3932-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 16 01:56:35 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 :
FM1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	57151	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	205521	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	97759	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	193877	20.000	ng		0.00
76) Chrysene-d12	14.033	240	87915	20.000	ng		0.00
86) Perylene-d12	15.498	264	6169	20.000	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	395205	112.809	ng		0.02
7) Phenol-d6	6.510	99	433106	94.188	ng		0.00
23) Nitrobenzene-d5	7.440	82	383817	87.795	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	156977	150.829	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	709838	101.838	ng		0.00
79) Terphenyl-d14	12.980	244	607180	113.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	50624	36.018	ng	#	77
3) Pyridine	3.575	79	26716m	8.621	ng		
4) n-Nitrosodimethylamine	3.505	42	107186	39.906	ng		98
6) Aniline	6.563	93	7931	2.285	ng		96
8) 2-Chlorophenol	6.663	128	151322	41.961	ng		99
9) Benzaldehyde	6.428	77	32008	12.048	ng		99
10) Phenol	6.522	94	161568	34.499	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	148365	41.681	ng		99
12) 1,3-Dichlorobenzene	6.822	146	159290	38.839	ng		99
13) 1,4-Dichlorobenzene	6.898	146	160157	38.643	ng		99
14) 1,2-Dichlorobenzene	7.045	146	154218	39.380	ng		99
15) Benzyl Alcohol	7.016	79	24181	6.591	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	250506	45.665	ng		99
17) 2-Methylphenol	7.128	107	112103	39.126	ng		99
18) Hexachloroethane	7.393	117	60784	38.505	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	123706	45.398	ng		100
20) 3+4-Methylphenols	7.281	107	147969	37.854	ng	#	89
22) Acetophenone	7.287	105	234712	43.684	ng		98
24) Nitrobenzene	7.463	77	189460	42.108	ng		99
25) Isophorone	7.698	82	325326	47.054	ng		99
26) 2-Nitrophenol	7.775	139	79281	45.227	ng		99
27) 2,4-Dimethylphenol	7.810	122	117286	50.723	ng		96
28) bis(2-Chloroethoxy)met...	7.904	93	65485	16.619	ng		96
29) 2,4-Dichlorophenol	8.016	162	134626	45.830	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	140511	41.053	ng		99
31) Naphthalene	8.181	128	458600	42.742	ng		100
32) Benzoic acid	7.928	122	92257	42.634	ng	#	72
34) Hexachlorobutadiene	8.298	225	94329	40.566	ng		99
35) Caprolactam	8.634	113	20510m	22.698	ng		
36) 4-Chloro-3-methylphenol	8.704	107	146705	43.699	ng		99
37) 2-Methylnaphthalene	8.875	142	309842	45.496	ng		98
38) 1-Methylnaphthalene	8.969	142	288790	43.192	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	149991	51.770	ng		98
41) Hexachlorocyclopentadiene	9.022	237	183182	181.081	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	105487	55.963	ng		99
44) 2,4,5-Trichlorophenol	9.192	196	104358	52.486	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.334	154	390310	51.897	ng	99
47) 2-Chloronaphthalene	9.363	162	288302	51.269	ng	98
48) 2-Nitroaniline	9.451	65	55567	26.567	ng	94
49) Acenaphthylene	9.775	152	273743	32.339	ng	99
50) Dimethylphthalate	9.639	163	354824	55.300	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76346	53.711	ng	98
52) Acenaphthene	9.945	154	329979	55.855	ng	98
53) 3-Nitroaniline	9.863	138	6708	4.722	ng	86
54) 2,4-Dinitrophenol	9.975	184	97740	123.402	ng	94
55) Dibenzofuran	10.122	168	439877	53.420	ng	98
56) 4-Nitrophenol	10.028	139	102933	87.570	ng	93
57) 2,4-Dinitrotoluene	10.098	165	105573	55.014	ng	98
58) Fluorene	10.463	166	351942	52.384	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	91162	55.425	ng	98
60) Diethylphthalate	10.334	149	364960	55.118	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	172657	52.879	ng	99
62) 4-Nitroaniline	10.469	138	19792	12.766	ng	86
63) Azobenzene	10.610	77	223734	34.354	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	57945	56.628	ng	98
66) n-Nitrosodiphenylamine	10.569	169	19325	3.409	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	98541	51.290	ng	98
68) Hexachlorobenzene	11.004	284	111759	49.564	ng	96
70) Pentachlorophenol	11.198	266	146544	108.310	ng	98
71) Phenanthrene	11.422	178	469333	50.176	ng	100
72) Anthracene	11.475	178	442472	48.382	ng	99
73) Carbazole	11.622	167	23331	2.665	ng	99
74) Di-n-butylphthalate	11.957	149	500192	51.299	ng	100
75) Fluoranthene	12.610	202	407255	40.770	ng	100
78) Pyrene	12.833	202	275800	36.536	ng	99
80) Butylbenzylphthalate	13.451	149	93907	36.548	ng	99
81) Benzo(a)anthracene	14.022	228	287422	49.356	ng	100
83) Chrysene	14.057	228	278637	52.008	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	184133	56.333	ng	99
85) Di-n-octyl phthalate	14.621	149	306505	63.673	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	146267	398.736	ng	95
88) Benzo(b)fluoranthene	15.069	252	303722	798.293	ng	99
89) Benzo(k)fluoranthene	15.098	252	212508	605.784	ng	98
90) Benzo(a)pyrene	15.433	252	115260	365.282	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	208292	687.165	ng	99
92) Benzo(g,h,i)perylene	17.404	276	87449	291.374	ng	99

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

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