Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
Data File : BF139371.D
Acq On : 14 Sep 2024 16:39
Operator : RC/JU
Sample : P3932-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 16 01:57:22 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 :
FM1MSD

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	54473	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	199865	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	86333	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	189813	20.000	ng		0.00
76) Chrysene-d12	14.033	240	76066	20.000	ng		0.00
86) Perylene-d12	15.492	264	2234	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	369874	110.769	ng		0.02
7) Phenol-d6	6.510	99	400219	91.315	ng		0.00
23) Nitrobenzene-d5	7.440	82	363543	85.511	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	152073	165.455	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	665792	108.161	ng		0.00
79) Terphenyl-d14	12.980	244	604069	130.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.857	88	47578	35.515	ng	#	75
3) Pyridine	3.581	79	18563m	6.285	ng		
4) n-Nitrosodimethylamine	3.493	42	96882	37.843	ng		96
8) 2-Chlorophenol	6.663	128	141716	41.230	ng		99
9) Benzaldehyde	6.428	77	29277	11.562	ng		98
10) Phenol	6.522	94	147864	33.125	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	140208	41.325	ng		99
12) 1,3-Dichlorobenzene	6.822	146	149605	38.271	ng		98
13) 1,4-Dichlorobenzene	6.898	146	151541	38.362	ng		99
14) 1,2-Dichlorobenzene	7.045	146	145217	38.904	ng		98
15) Benzyl Alcohol	7.016	79	18012	5.151	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	238462	45.606	ng		99
17) 2-Methylphenol	7.128	107	102733	37.619	ng		99
18) Hexachloroethane	7.393	117	57447	38.181	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	112652	43.374	ng		100
20) 3+4-Methylphenols	7.281	107	136754	36.704	ng	#	86
22) Acetophenone	7.287	105	222723	42.626	ng		97
24) Nitrobenzene	7.463	77	181864	41.563	ng		99
25) Isophorone	7.698	82	303252	45.102	ng		99
26) 2-Nitrophenol	7.775	139	74487	43.695	ng		99
27) 2,4-Dimethylphenol	7.810	122	113008	50.256	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	50176	13.094	ng	#	96
29) 2,4-Dichlorophenol	8.016	162	127228	44.537	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	130143	39.100	ng		99
31) Naphthalene	8.181	128	435468	41.735	ng		100
32) Benzoic acid	7.922	122	85061	40.421	ng	#	81
34) Hexachlorobutadiene	8.298	225	89867	39.740	ng		99
35) Caprolactam	8.634	113	18449	20.995	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	137869	42.229	ng		99
37) 2-Methylnaphthalene	8.869	142	290744	43.900	ng		100
38) 1-Methylnaphthalene	8.969	142	275118	42.312	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	141438	55.279	ng		99
41) Hexachlorocyclopentadiene	9.022	237	178760	200.096	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	100565	60.412	ng		99
44) 2,4,5-Trichlorophenol	9.187	196	98140	55.891	ng		96
46) 1,1'-Biphenyl	9.334	154	371317	55.906	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	9.363	162	274816	55.339	ng		99
48)	2-Nitroaniline	9.451	65	41491	22.463	ng		94
49)	Acenaphthylene	9.775	152	220882	29.548	ng		100
50)	Dimethylphthalate	9.634	163	341106	60.198	ng		100
51)	2,6-Dinitrotoluene	9.698	165	72940	58.106	ng		99
52)	Acenaphthene	9.945	154	306271	58.703	ng		99
53)	3-Nitroaniline	9.863	138	4472	3.565	ng		99
54)	2,4-Dinitrophenol	9.969	184	95652	136.749	ng		94
55)	Dibenzofuran	10.122	168	418967	57.614	ng		98
56)	4-Nitrophenol	10.022	139	97753	94.170	ng		97
57)	2,4-Dinitrotoluene	10.098	165	101502	59.893	ng		98
58)	Fluorene	10.463	166	334676	56.407	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.233	232	88631	61.018	ng		100
60)	Diethylphthalate	10.333	149	339066	57.985	ng		99
61)	4-Chlorophenyl-phenyle...	10.451	204	163452	56.685	ng		100
62)	4-Nitroaniline	10.469	138	16452	12.016	ng	#	83
63)	Azobenzene	10.610	77	147501	25.646	ng		99
65)	4,6-Dinitro-2-methylph...	10.504	198	55869	55.768	ng		98
66)	n-Nitrosodiphenylamine	10.569	169	14142	2.548	ng		97
67)	4-Bromophenyl-phenylether	10.945	248	92628	49.244	ng		98
68)	Hexachlorobenzene	11.004	284	109241	49.484	ng		99
70)	Pentachlorophenol	11.198	266	136601	103.123	ng		99
71)	Phenanthrene	11.422	178	445668	48.666	ng		99
72)	Anthracene	11.475	178	419595	46.863	ng		99
73)	Carbazole	11.622	167	19246	2.246	ng		98
74)	Di-n-butylphthalate	11.957	149	475593	49.820	ng		100
75)	Fluoranthene	12.610	202	396092	40.502	ng		99
78)	Pyrene	12.833	202	210664	32.255	ng		100
80)	Butylbenzylphthalate	13.451	149	64755	29.128	ng		99
81)	Benzo(a)anthracene	14.021	228	248981	49.415	ng		100
83)	Chrysene	14.057	228	242095	52.226	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.010	149	178490	63.113	ng		99
85)	Di-n-octyl phthalate	14.621	149	283506	68.069	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.962	276	94860	714.092	ng	#	94
88)	Benzo(b)fluoranthene	15.068	252	251143	1822.799	ng		100
89)	Benzo(k)fluoranthene	15.098	252	127813	1006.119	ng		100
90)	Benzo(a)pyrene	15.433	252	70840	619.954	ng		99
91)	Dibenzo(a,h)anthracene	16.986	278	156337	1424.235	ng		99
92)	Benzo(g,h,i)perylene	17.404	276	56850	523.068	ng		98

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

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