Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139384.D
Acq On : 16 Sep 2024 17:55
Operator : RC/JU
Sample : P3947-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 16 18:38:38 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 :
RW-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
09/17/2024
Supervised By :mohammad ahmed
09/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	67435	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	244647	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	122439	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	183510	20.000	ng		0.00
76) Chrysene-d12	14.033	240	106233	20.000	ng		0.00
86) Perylene-d12	15.498	264	82354	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	456170	110.354	ng		0.01
7) Phenol-d6	6.510	99	595803	109.810	ng		0.00
23) Nitrobenzene-d5	7.445	82	408465	78.491	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	126518	97.059	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	691216	79.178	ng		0.00
79) Terphenyl-d14	12.980	244	452780	69.958	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	61672	37.187	ng		99
3) Pyridine	3.487	79	153373	41.945	ng		97
4) n-Nitrosodimethylamine	3.452	42	136716	43.138	ng		99
6) Aniline	6.540	93	124830	30.486	ng	#	59
8) 2-Chlorophenol	6.663	128	194209	45.641	ng		99
9) Benzaldehyde	6.428	77	42630	13.599	ng		99
10) Phenol	6.528	94	248699	45.005	ng		94
11) bis(2-Chloroethyl)ether	6.616	93	190017	45.241	ng		99
12) 1,3-Dichlorobenzene	6.822	146	209493	43.290	ng		98
13) 1,4-Dichlorobenzene	6.898	146	211773	43.305	ng		99
14) 1,2-Dichlorobenzene	7.045	146	202121	43.741	ng		99
15) Benzyl Alcohol	7.022	79	198649	45.890	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	325924	50.352	ng		96
17) 2-Methylphenol	7.134	107	156152	46.189	ng		98
18) Hexachloroethane	7.392	117	79109	42.472	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	155405	48.334	ng		98
20) 3+4-Methylphenols	7.287	107	209546	45.431	ng	#	90
22) Acetophenone	7.292	105	291844	45.631	ng	#	98
24) Nitrobenzene	7.463	77	235897	44.043	ng		99
25) Isophorone	7.698	82	397434	48.290	ng		99
26) 2-Nitrophenol	7.775	139	100553	48.188	ng		98
27) 2,4-Dimethylphenol	7.816	122	158021	57.410	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	227265	48.451	ng		98
29) 2,4-Dichlorophenol	8.022	162	160104	45.787	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	175850	43.161	ng		99
31) Naphthalene	8.187	128	576821	45.163	ng		100
32) Benzoic acid	7.939	122	113244	43.963	ng		97
33) 4-Chloroaniline	8.234	127	39017	9.986	ng		96
34) Hexachlorobutadiene	8.298	225	121308	43.825	ng		100
35) Caprolactam	8.598	113	46586m	43.310	ng		
36) 4-Chloro-3-methylphenol	8.716	107	177692	44.464	ng		99
37) 2-Methylnaphthalene	8.875	142	370996	45.764	ng		100
38) 1-Methylnaphthalene	8.975	142	345987	43.471	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	179086	49.353	ng		99
41) Hexachlorocyclopentadiene	9.022	237	149250	117.799	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	115158	48.779	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	116451	46.762	ng	98
46) 1,1'-Biphenyl	9.339	154	466270	49.500	ng	100
47) 2-Chloronaphthalene	9.363	162	334038	47.428	ng	99
48) 2-Nitroaniline	9.457	65	123752	47.241	ng	97
49) Acenaphthylene	9.775	152	537070	50.658	ng	100
50) Dimethylphthalate	9.639	163	400855	49.881	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82123	46.130	ng	98
52) Acenaphthene	9.951	154	371749	50.241	ng	99
53) 3-Nitroaniline	9.863	138	51085	28.713	ng	99
54) 2,4-Dinitrophenol	9.975	184	73493	74.085	ng	94
55) Dibenzofuran	10.122	168	474334	45.993	ng	98
56) 4-Nitrophenol	10.028	139	111615	75.816	ng	93
57) 2,4-Dinitrotoluene	10.098	165	103913	43.234	ng	95
58) Fluorene	10.463	166	372763	44.299	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88273	42.851	ng	99
60) Diethylphthalate	10.333	149	397828	47.971	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	182719	44.681	ng	100
62) 4-Nitroaniline	10.480	138	65284	33.621	ng	99
63) Azobenzene	10.616	77	409604	50.217	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	44129	45.562	ng	99
66) n-Nitrosodiphenylamine	10.575	169	302804	56.438	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	97465	53.595	ng	99
68) Hexachlorobenzene	11.004	284	103762	48.617	ng	97
69) Atrazine	11.098	200	92887	72.722	ng	98
70) Pentachlorophenol	11.198	266	120340	93.967	ng	100
71) Phenanthrene	11.422	178	546826	61.763	ng	99
72) Anthracene	11.475	178	456971	52.790	ng	99
73) Carbazole	11.627	167	382418	46.158	ng	100
74) Di-n-butylphthalate	11.957	149	492219	53.333	ng	100
75) Fluoranthene	12.610	202	562933	59.539	ng	99
77) Benzidine	12.727	184	72645	47.730	ng	100
78) Pyrene	12.839	202	556755	61.037	ng	100
80) Butylbenzylphthalate	13.451	149	170773	55.003	ng	98
81) Benzo(a)anthracene	14.021	228	400597	56.928	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	58215	28.249	ng	99
83) Chrysene	14.057	228	357860	55.277	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	225052	56.980	ng	99
85) Di-n-octyl phthalate	14.621	149	333274	57.296	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	220336	44.994	ng	99
88) Benzo(b)fluoranthene	15.068	252	304545	59.961	ng	100
89) Benzo(k)fluoranthene	15.098	252	243590	52.015	ng	98
90) Benzo(a)pyrene	15.439	252	250327	59.427	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	173434	42.860	ng	98
92) Benzo(g,h,i)perylene	17.409	276	158327	39.517	ng	99

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

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