Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139560.D
Acq On : 26 Sep 2024 21:52
Operator : RC/JU
Sample : P4190-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 27 01:09:06 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 :
TP-TMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	68701	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	254478	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	143007	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	283022	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	153496	20.000	ng	#	0.00
86) Perylene-d12	15.509	264	158260	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	340638	80.887	ng		0.01
7) Phenol-d6	6.510	99	465471	84.208	ng		0.00
23) Nitrobenzene-d5	7.439	82	293560	54.231	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	123877	81.365	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	553270	54.261	ng		0.00
79) Terphenyl-d14	12.980	244	621553	66.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	89481	52.960	ng		95
3) Pyridine	3.469	79	222947	59.849	ng		97
4) n-Nitrosodimethylamine	3.428	42	151012	46.770	ng	#	77
6) Aniline	6.539	93	274547	65.815	ng		94
8) 2-Chlorophenol	6.663	128	232974	53.742	ng		97
9) Benzaldehyde	6.428	77	37714	11.809	ng		97
10) Phenol	6.522	94	312296	55.472	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	223418	52.213	ng		99
12) 1,3-Dichlorobenzene	6.816	146	244531	49.600	ng		97
13) 1,4-Dichlorobenzene	6.892	146	246245	49.426	ng		99
14) 1,2-Dichlorobenzene	7.045	146	234973	49.913	ng		98
15) Benzyl Alcohol	7.022	79	222218	50.389	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	398072	60.365	ng		98
17) 2-Methylphenol	7.134	107	184522	53.575	ng		98
18) Hexachloroethane	7.386	117	91491	48.214	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	172196	52.569	ng		97
20) 3+4-Methylphenols	7.286	107	238234	50.699	ng	#	89
22) Acetophenone	7.286	105	318521	47.878	ng		97
24) Nitrobenzene	7.457	77	267526	48.019	ng		98
25) Isophorone	7.698	82	463451	54.136	ng		99
26) 2-Nitrophenol	7.775	139	123479	56.889	ng		89
27) 2,4-Dimethylphenol	7.810	122	187163	65.370	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	268420	55.015	ng		98
29) 2,4-Dichlorophenol	8.016	162	193433	53.181	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	201089	47.449	ng		99
31) Naphthalene	8.181	128	685934	51.631	ng		100
32) Benzoic acid	7.928	122	121732	45.433	ng		88
33) 4-Chloroaniline	8.228	127	130180	32.030	ng		96
34) Hexachlorobutadiene	8.292	225	129591	45.008	ng		99
35) Caprolactam	8.598	113	67124m	59.993	ng		
36) 4-Chloro-3-methylphenol	8.716	107	216864	52.170	ng		95
37) 2-Methylnaphthalene	8.875	142	443794	52.629	ng		99
38) 1-Methylnaphthalene	8.969	142	413775	49.980	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	210553	49.679	ng		98
41) Hexachlorocyclopentadiene	9.022	237	226657	153.164	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	145596	52.802	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	152872	52.558	ng		97
46) 1,1'-Biphenyl	9.333	154	552619	50.229	ng		99
47) 2-Chloronaphthalene	9.363	162	414885	50.435	ng		98
48) 2-Nitroaniline	9.457	65	164938	53.907	ng		100
49) Acenaphthylene	9.775	152	694129	56.056	ng		99
50) Dimethylphthalate	9.639	163	496725	52.921	ng		99
51) 2,6-Dinitrotoluene	9.698	165	111914	53.822	ng		94
52) Acenaphthene	9.951	154	493247	57.074	ng		99
53) 3-Nitroaniline	9.869	138	94607	45.527	ng		90
54) 2,4-Dinitrophenol	9.980	184	124540	107.488	ng	#	84
55) Dibenzofuran	10.122	168	637304	52.907	ng		95
56) 4-Nitrophenol	10.039	139	187310	108.934	ng	#	78
57) 2,4-Dinitrotoluene	10.104	165	156705	55.821	ng		96
58) Fluorene	10.463	166	504686	51.351	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	130137	54.087	ng		95
60) Diethylphthalate	10.333	149	503032	51.933	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	235213	49.245	ng		95
62) 4-Nitroaniline	10.486	138	129571	57.131	ng	#	85
63) Azobenzene	10.616	77	511558	53.696	ng		93
65) 4,6-Dinitro-2-methylph...	10.510	198	83382	55.821	ng		96
66) n-Nitrosodiphenylamine	10.574	169	435562	52.638	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	144219	51.421	ng		96
68) Hexachlorobenzene	11.010	284	164810	50.069	ng		98
69) Atrazine	11.104	200	142520	72.348	ng		99
70) Pentachlorophenol	11.210	266	182991	92.648	ng		99
71) Phenanthrene	11.427	178	745921	54.628	ng		100
72) Anthracene	11.480	178	752427	56.360	ng		99
73) Carbazole	11.633	167	710442	55.600	ng		99
74) Di-n-butylphthalate	11.957	149	785791	55.206	ng		99
75) Fluoranthene	12.616	202	800174	54.874	ng		99
77) Benzidine	12.733	184	282088	128.271	ng		99
78) Pyrene	12.845	202	808057	61.311	ng		99
80) Butylbenzylphthalate	13.457	149	267606	59.652	ng		97
81) Benzo(a)anthracene	14.027	228	553940	54.481	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	134741	45.252	ng		100
83) Chrysene	14.068	228	516713	55.239	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	294042	51.524	ng		100
85) Di-n-octyl phthalate	14.627	149	427160	50.824	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	551837	58.640	ng	#	96
88) Benzo(b)fluoranthene	15.080	252	535647m	54.879	ng		
89) Benzo(k)fluoranthene	15.109	252	405716	45.083	ng	#	99
90) Benzo(a)pyrene	15.451	252	465008	57.445	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	446348	57.399	ng	#	97
92) Benzo(g,h,i)perylene	17.439	276	409820	53.227	ng	#	96

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

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