Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139637.D
Acq On : 03 Oct 2024 17:57
Operator : RC/JU
Sample : P4190-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-TMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 04 01:15:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	93708	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	355995	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	194836	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	369937	20.000	ng	0.00
76) Chrysene-d12	14.033	240	193991	20.000	ng	0.00
86) Perylene-d12	15.498	264	186996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	733890	135.742	ng	0.02
7) Phenol-d6	6.504	99	923793	127.059	ng	0.00
23) Nitrobenzene-d5	7.434	82	698696	99.370	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	272852	145.070	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1252236	98.668	ng	0.00
79) Terphenyl-d14	12.975	244	1276738	107.990	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	104723	44.802	ng	# 80
3) Pyridine	3.540	79	228497	40.194	ng	99
4) n-Nitrosodimethylamine	3.481	42	184919	49.695	ng	98
6) Aniline	6.534	93	212099	32.875	ng	91
8) 2-Chlorophenol	6.657	128	296106	51.119	ng	98
9) Benzaldehyde	6.422	77	10921	2.836	ng	93
10) Phenol	6.522	94	347990	45.518	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	296308	47.602	ng	99
12) 1,3-Dichlorobenzene	6.810	146	298333	45.783	ng	99
13) 1,4-Dichlorobenzene	6.887	146	299869	45.437	ng	100
14) 1,2-Dichlorobenzene	7.034	146	288492	46.641	ng	100
15) Benzyl Alcohol	7.010	79	293805	52.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	530895	49.266	ng	89
17) 2-Methylphenol	7.122	107	240880	49.813	ng	99
18) Hexachloroethane	7.375	117	111107	45.135	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	231194	49.460	ng	99
20) 3+4-Methylphenols	7.275	107	299978	49.388	ng	99
22) Acetophenone	7.275	105	415463	49.166	ng	99
24) Nitrobenzene	7.451	77	347898	47.783	ng	100
25) Isophorone	7.687	82	627484	50.246	ng	99
26) 2-Nitrophenol	7.763	139	160614	51.314	ng	96
27) 2,4-Dimethylphenol	7.804	122	235814m	61.542	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	367054	49.221	ng	99
29) 2,4-Dichlorophenol	8.010	162	256487	51.318	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	259997	45.999	ng	99
31) Naphthalene	8.169	128	881340	48.421	ng	100
32) Benzoic acid	7.934	122	183976	48.286	ng	97
33) 4-Chloroaniline	8.216	127	78292	12.707	ng	98
34) Hexachlorobutadiene	8.281	225	166922	45.635	ng	100
35) Caprolactam	8.598	113	72435m	44.187	ng	
36) 4-Chloro-3-methylphenol	8.710	107	284329	50.255	ng	100
37) 2-Methylnaphthalene	8.863	142	586142	49.445	ng	100
38) 1-Methylnaphthalene	8.963	142	545347	47.063	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	271832	50.243	ng	98
41) Hexachlorocyclopentadiene	9.010	237	294094	177.278	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	191881	52.610	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	200519	50.980	ng	99
46) 1,1'-Biphenyl	9.328	154	733019	50.584	ng	100
47) 2-Chloronaphthalene	9.351	162	545624	50.224	ng	99
48) 2-Nitroaniline	9.451	65	212155	54.402	ng	99
49) Acenaphthylene	9.769	152	895473	54.201	ng	100
50) Dimethylphthalate	9.628	163	680098	53.324	ng	99
51) 2,6-Dinitrotoluene	9.692	165	145821	50.613	ng	96
52) Acenaphthene	9.939	154	659554m	58.152	ng	
53) 3-Nitroaniline	9.863	138	84020	28.537	ng	95
54) 2,4-Dinitrophenol	9.969	184	189039	121.989	ng	97
55) Dibenzofuran	10.110	168	818498	51.542	ng	99
56) 4-Nitrophenol	10.028	139	214543	95.554	ng	100
57) 2,4-Dinitrotoluene	10.098	165	198961	52.832	ng	98
58) Fluorene	10.457	166	645647	51.046	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	173585	54.641	ng	99
60) Diethylphthalate	10.328	149	678371	51.495	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	311143	49.171	ng	98
62) 4-Nitroaniline	10.481	138	146728	48.721	ng	99
63) Azobenzene	10.604	77	681893	51.471	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	117399	56.190	ng	99
66) n-Nitrosodiphenylamine	10.563	169	560132	51.368	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	188780	49.771	ng	97
68) Hexachlorobenzene	10.998	284	212131	50.401	ng	99
69) Atrazine	11.092	200	156245	53.405	ng	100
70) Pentachlorophenol	11.198	266	277119	110.575	ng	100
71) Phenanthrene	11.416	178	907821	52.046	ng	100
72) Anthracene	11.469	178	922625	53.466	ng	99
73) Carbazole	11.622	167	832031	50.202	ng	100
74) Di-n-butylphthalate	11.951	149	1033731	51.291	ng	99
75) Fluoranthene	12.604	202	937669	49.176	ng	100
77) Benzidine	12.722	184	87435	25.553	ng	98
78) Pyrene	12.833	202	936555	53.979	ng	99
80) Butylbenzylphthalate	13.445	149	357994	57.684	ng	99
81) Benzo(a)anthracene	14.022	228	681176	53.408	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	143148	36.673	ng	98
83) Chrysene	14.057	228	611682	52.457	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	475279	61.330	ng	100
85) Di-n-octyl phthalate	14.616	149	687163	60.357	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	673868	61.226	ng	100
88) Benzo(b)fluoranthene	15.068	252	620948	51.357	ng	99
89) Benzo(k)fluoranthene	15.098	252	513379	50.055	ng	100
90) Benzo(a)pyrene	15.439	252	545024	57.169	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	554467	60.739	ng	99
92) Benzo(g,h,i)perylene	17.421	276	515626	56.321	ng	99

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

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