Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
Data File : BF139819.D
Acq On : 15 Oct 2024 18:30
Operator : RC/JU
Sample : P4395-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 19:00:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 16:41:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	80793	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	311366	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	172284	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	284327	20.000	ng		0.00
76) Chrysene-d12	14.016	240	125906	20.000	ng		0.00
86) Perylene-d12	15.474	264	162383	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	693965	144.928	ng		0.02
7) Phenol-d6	6.492	99	855448	134.333	ng		0.00
23) Nitrobenzene-d5	7.422	82	640874	105.940	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	228227	157.071	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1149857	99.825	ng		0.00
79) Terphenyl-d14	12.957	244	816465	155.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	99473	47.743	ng	#	82
3) Pyridine	3.516	79	209992	41.185	ng		98
4) n-Nitrosodimethylamine	3.451	42	159904	52.807	ng		96
6) Aniline	6.522	93	113592	20.702	ng	#	58
8) 2-Chlorophenol	6.645	128	277812	54.953	ng		99
9) Benzaldehyde	6.410	77	30994	8.665	ng		100
10) Phenol	6.510	94	312719	46.782	ng		96
11) bis(2-Chloroethyl)ether	6.592	93	274861	55.138	ng		99
12) 1,3-Dichlorobenzene	6.798	146	282183	49.366	ng		99
13) 1,4-Dichlorobenzene	6.875	146	286921	50.039	ng		100
14) 1,2-Dichlorobenzene	7.022	146	274703	51.635	ng		99
15) Benzyl Alcohol	6.998	79	261098	56.966	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	488195	55.884	ng		96
17) 2-Methylphenol	7.110	107	219166	53.589	ng		98
18) Hexachloroethane	7.363	117	107129	51.569	ng		100
19) n-Nitroso-di-n-propyla...	7.269	70	211587	57.056	ng		98
20) 3+4-Methylphenols	7.269	107	275822	53.635	ng		96
22) Acetophenone	7.263	105	383846	52.530	ng		99
24) Nitrobenzene	7.439	77	316835	50.240	ng		99
25) Isophorone	7.675	82	575461	55.741	ng		99
26) 2-Nitrophenol	7.751	139	151483	55.168	ng		97
27) 2,4-Dimethylphenol	7.792	122	220246	66.010	ng		98
28) bis(2-Chloroethoxy)met...	7.887	93	342943	54.127	ng		100
29) 2,4-Dichlorophenol	7.998	162	234288	54.144	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	245474	49.825	ng		99
31) Naphthalene	8.157	128	829880	51.715	ng		100
32) Benzoic acid	7.922	122	165202	53.625	ng		96
33) 4-Chloroaniline	8.210	127	47822	9.087	ng		99
34) Hexachlorobutadiene	8.269	225	153643	49.146	ng		100
35) Caprolactam	8.581	113	59173m	48.434	ng		
36) 4-Chloro-3-methylphenol	8.698	107	256122	55.735	ng		99
37) 2-Methylnaphthalene	8.845	142	546332	54.304	ng		100
38) 1-Methylnaphthalene	8.945	142	501663	51.219	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	253242	50.609	ng		98
41) Hexachlorocyclopentadiene	8.998	237	254681	193.582	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	171374	53.872	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	178773	52.445	ng		99
46) 1,1'-Biphenyl	9.310	154	678244	52.068	ng		99
47) 2-Chloronaphthalene	9.339	162	504531	50.694	ng		100
48) 2-Nitroaniline	9.439	65	177066	54.493	ng		97
49) Acenaphthylene	9.751	152	825117	56.451	ng		100
50) Dimethylphthalate	9.616	163	585702	55.540	ng		100
51) 2,6-Dinitrotoluene	9.681	165	126424	52.542	ng		99
52) Acenaphthene	9.922	154	502211	54.237	ng		99
53) 3-Nitroaniline	9.845	138	30155	12.570	ng		98
54) 2,4-Dinitrophenol	9.957	184	141956	145.174	ng		98
55) Dibenzofuran	10.098	168	737392	53.109	ng		99
56) 4-Nitrophenol	10.016	139	148117	102.558	ng		97
57) 2,4-Dinitrotoluene	10.086	165	163426	55.013	ng		96
58) Fluorene	10.439	166	569315	52.685	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	149237	58.875	ng		99
60) Diethylphthalate	10.310	149	560253	54.607	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	278925	52.238	ng		99
62) 4-Nitroaniline	10.463	138	107179	48.847	ng		98
63) Azobenzene	10.592	77	589284	55.094	ng		99
65) 4,6-Dinitro-2-methylph...	10.492	198	89386	59.923	ng		96
66) n-Nitrosodiphenylamine	10.551	169	486252	54.066	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	162974	53.203	ng		99
68) Hexachlorobenzene	10.986	284	177033	51.663	ng		97
69) Atrazine	11.075	200	122295	72.838	ng		99
70) Pentachlorophenol	11.186	266	176105	120.172	ng		99
71) Phenanthrene	11.404	178	747788	55.060	ng		99
72) Anthracene	11.451	178	750698	56.252	ng		99
73) Carbazole	11.610	167	605914	51.318	ng		100
74) Di-n-butylphthalate	11.933	149	713882	55.643	ng		99
75) Fluoranthene	12.586	202	639483	49.904	ng		100
77) Benzidine	12.716	184	56420	26.826	ng		99
78) Pyrene	12.816	202	632575	51.109	ng		100
80) Butylbenzylphthalate	13.427	149	191044	56.935	ng		97
81) Benzo(a)anthracene	14.004	228	456702	54.610	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	78672	28.233	ng	#	98
83) Chrysene	14.039	228	421001	55.231	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	237907	54.966	ng		100
85) Di-n-octyl phthalate	14.598	149	451020	56.011	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	567596	52.199	ng		100
88) Benzo(b)fluoranthene	15.051	252	540542	58.033	ng		98
89) Benzo(k)fluoranthene	15.080	252	421182	50.953	ng		100
90) Benzo(a)pyrene	15.415	252	480972	59.119	ng		100
91) Dibenzo(a,h)anthracene	16.968	278	459551	51.536	ng		99
92) Benzo(g,h,i)perylene	17.398	276	422342	45.157	ng		99

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

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