Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
Data File : BF139707.D
Acq On : 08 Oct 2024 12:40
Operator : RC/JU
Sample : P4290-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

Quant Time: Oct 08 13:17:24 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	82402	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	316662	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	170113	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	297500	20.000	ng	0.00
76) Chrysene-d12	14.033	240	187972	20.000	ng	0.00
86) Perylene-d12	15.498	264	184966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	675045	141.989	ng	0.02
7) Phenol-d6	6.510	99	837920	131.061	ng	0.00
23) Nitrobenzene-d5	7.434	82	625792	100.056	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	224185	136.518	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1109929	100.165	ng	0.00
79) Terphenyl-d14	12.974	244	1029591	89.874	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	100239	48.768	ng	# 81
3) Pyridine	3.522	79	214196	42.848	ng	96
4) n-Nitrosodimethylamine	3.457	42	169142	51.691	ng	96
6) Aniline	6.534	93	137637	24.260	ng	# 51
8) 2-Chlorophenol	6.657	128	271248	53.253	ng	98
9) Benzaldehyde	6.422	77	39741	11.734	ng	100
10) Phenol	6.522	94	312448	46.477	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	282456	51.603	ng	99
12) 1,3-Dichlorobenzene	6.810	146	287440	50.163	ng	98
13) 1,4-Dichlorobenzene	6.887	146	287629	49.562	ng	98
14) 1,2-Dichlorobenzene	7.040	146	278631	51.227	ng	99
15) Benzyl Alcohol	7.016	79	263250	53.890	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	491112	51.828	ng	81
17) 2-Methylphenol	7.128	107	217608	51.175	ng	97
18) Hexachloroethane	7.381	117	105186	48.592	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	210383	51.183	ng	99
20) 3+4-Methylphenols	7.281	107	271712	50.873	ng	97
22) Acetophenone	7.275	105	379730	50.519	ng	96
24) Nitrobenzene	7.451	77	319902	49.395	ng	99
25) Isophorone	7.692	82	566261	50.975	ng	100
26) 2-Nitrophenol	7.769	139	142599	51.217	ng	98
27) 2,4-Dimethylphenol	7.804	122	212419	62.322	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	338313	51.002	ng	100
29) 2,4-Dichlorophenol	8.010	162	228213	51.333	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	241325	47.999	ng	100
31) Naphthalene	8.169	128	817821	50.512	ng	100
32) Benzoic acid	7.934	122	166606	49.158	ng	97
33) 4-Chloroaniline	8.234	127	41515	7.575	ng	98
34) Hexachlorobutadiene	8.286	225	156954	48.240	ng	99
35) Caprolactam	8.592	113	65392m	44.845	ng	
36) 4-Chloro-3-methylphenol	8.710	107	250056	49.687	ng	99
37) 2-Methylnaphthalene	8.863	142	527023	49.980	ng	100
38) 1-Methylnaphthalene	8.963	142	488075	47.353	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	247995	52.499	ng	99
41) Hexachlorocyclopentadiene	9.010	237	213150	147.158	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	167753	52.679	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	173957	50.655	ng	98
46) 1,1'-Biphenyl	9.328	154	655424	51.802	ng	100
47) 2-Chloronaphthalene	9.351	162	486367	51.276	ng	99
48) 2-Nitroaniline	9.451	65	178914	52.546	ng	98
49) Acenaphthylene	9.769	152	788273	54.647	ng	100
50) Dimethylphthalate	9.628	163	596898	53.602	ng	100
51) 2,6-Dinitrotoluene	9.692	165	125314	49.816	ng	94
52) Acenaphthene	9.939	154	547649m	55.303	ng	
53) 3-Nitroaniline	9.863	138	65461	25.465	ng	94
54) 2,4-Dinitrophenol	9.969	184	122774	90.742	ng	98
55) Dibenzofuran	10.110	168	709865	51.198	ng	99
56) 4-Nitrophenol	10.033	139	183644	93.680	ng	94
57) 2,4-Dinitrotoluene	10.098	165	167558	50.959	ng	99
58) Fluorene	10.451	166	554287	50.192	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	142808	51.486	ng	98
60) Diethylphthalate	10.328	149	585419	50.897	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	272478	49.319	ng	97
62) 4-Nitroaniline	10.475	138	121679	46.275	ng	98
63) Azobenzene	10.604	77	583099	50.410	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	80036	47.634	ng	97
66) n-Nitrosodiphenylamine	10.563	169	481810	54.943	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	158867	52.083	ng	96
68) Hexachlorobenzene	10.998	284	175270	51.782	ng	98
69) Atrazine	11.092	200	151202	64.265	ng	98
70) Pentachlorophenol	11.198	266	199039	98.757	ng	99
71) Phenanthrene	11.416	178	743720	53.019	ng	99
72) Anthracene	11.469	178	765582	55.168	ng	99
73) Carbazole	11.622	167	695653	52.193	ng	100
74) Di-n-butylphthalate	11.951	149	872841	53.853	ng	99
75) Fluoranthene	12.604	202	762395	49.719	ng	100
77) Benzidine	12.727	184	104863	31.627	ng	99
78) Pyrene	12.833	202	777153	46.226	ng	100
80) Butylbenzylphthalate	13.451	149	318463	52.958	ng	98
81) Benzo(a)anthracene	14.021	228	652797	52.822	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	137406	36.329	ng	100
83) Chrysene	14.057	228	610299	54.015	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	433640	57.749	ng	100
85) Di-n-octyl phthalate	14.621	149	710511	64.406	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	526236	48.338	ng	100
88) Benzo(b)fluoranthene	15.074	252	640334	53.541	ng	99
89) Benzo(k)fluoranthene	15.104	252	495923	48.884	ng	100
90) Benzo(a)pyrene	15.445	252	527936	55.984	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	443347	49.100	ng	99
92) Benzo(g,h,i)perylene	17.427	276	382248	42.210	ng	99

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

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