Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139774.D
Acq On : 11 Oct 2024 14:49
Operator : RC/JU
Sample : P4364-11MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 15:22:03 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	74746	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	254966	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	109987	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	186157	20.000	ng		0.00
76) Chrysene-d12	14.039	240	153677	20.000	ng		0.00
86) Perylene-d12	15.509	264	115703	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	536624	124.435	ng		0.02
7) Phenol-d6	6.516	99	660592	113.908	ng		0.01
23) Nitrobenzene-d5	7.433	82	420053	83.413	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	111475	104.992	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	635866	88.753	ng		0.00
79) Terphenyl-d14	12.974	244	570274	60.889	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.698	88	96113	51.550	ng		99
3) Pyridine	3.610	79	226182	49.880	ng		93
4) n-Nitrosodimethylamine	3.410	42	154151	51.935	ng		93
8) 2-Chlorophenol	6.663	128	237105	51.318	ng		98
9) Benzaldehyde	6.416	77	71048	23.127	ng		95
10) Phenol	6.528	94	298104	48.885	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	267973	53.971	ng		98
12) 1,3-Dichlorobenzene	6.810	146	257670	49.574	ng		98
13) 1,4-Dichlorobenzene	6.886	146	263558	50.066	ng		99
14) 1,2-Dichlorobenzene	7.039	146	245803	49.821	ng		99
15) Benzyl Alcohol	7.016	79	214939	48.507	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	420316	48.900	ng		52
17) 2-Methylphenol	7.133	107	175681	45.546	ng	#	91
18) Hexachloroethane	7.381	117	92119	46.915	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	178684	47.924	ng		100
20) 3+4-Methylphenols	7.292	107	240709	49.684	ng	#	58
22) Acetophenone	7.275	105	328718	54.315	ng	#	88
24) Nitrobenzene	7.451	77	260124	49.884	ng		99
25) Isophorone	7.692	82	449174	50.219	ng		100
26) 2-Nitrophenol	7.769	139	113232	50.511	ng		97
27) 2,4-Dimethylphenol	7.810	122	168034	61.229	ng		95
28) bis(2-Chloroethoxy)met...	7.898	93	276230	51.719	ng		99
29) 2,4-Dichlorophenol	8.022	162	173973	48.602	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	193196	47.725	ng		99
31) Naphthalene	8.175	128	757226	58.087	ng		100
32) Benzoic acid	7.928	122	102605	37.600	ng		98
33) 4-Chloroaniline	8.251	127	90945	20.610	ng		99
34) Hexachlorobutadiene	8.286	225	128067	48.886	ng		99
35) Caprolactam	8.586	113	49066	41.791	ng		92
36) 4-Chloro-3-methylphenol	8.716	107	166915	41.192	ng		98
37) 2-Methylnaphthalene	8.863	142	391047	46.058	ng		99
38) 1-Methylnaphthalene	8.963	142	356625	42.972	ng		99
40) 1,2,4,5-Tetrachloroben...	9.027	216	176909	57.923	ng		99
41) Hexachlorocyclopentadiene	9.010	237	22879	24.431	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	107386	52.157	ng		98
44) 2,4,5-Trichlorophenol	9.192	196	108090	48.681	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.327	154	452989	55.374	ng	100
47) 2-Chloronaphthalene	9.351	162	327217	53.356	ng	98
48) 2-Nitroaniline	9.451	65	112015	50.882	ng	98
49) Acenaphthylene	9.769	152	512495	54.951	ng	100
50) Dimethylphthalate	9.622	163	392684	54.541	ng	100
51) 2,6-Dinitrotoluene	9.692	165	77439	47.613	ng	90
52) Acenaphthene	9.939	154	316734	49.470	ng	100
53) 3-Nitroaniline	9.863	138	47527	28.595	ng	94
54) 2,4-Dinitrophenol	9.974	184	15762	18.018	ng	96
55) Dibenzofuran	10.110	168	449940	50.191	ng	99
56) 4-Nitrophenol	10.033	139	115758	91.330	ng	89
57) 2,4-Dinitrotoluene	10.098	165	94948	44.662	ng	98
58) Fluorene	10.451	166	343525	48.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	82290	45.886	ng	96
60) Diethylphthalate	10.322	149	377756	50.797	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	171156	47.915	ng	96
62) 4-Nitroaniline	10.469	138	58602	34.470	ng	97
63) Azobenzene	10.604	77	401020	53.621	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	13482	12.823	ng	94
66) n-Nitrosodiphenylamine	10.563	169	285381	52.008	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	95305	49.932	ng	99
68) Hexachlorobenzene	10.998	284	102499	48.395	ng	98
69) Atrazine	11.092	200	87269	59.276	ng	98
70) Pentachlorophenol	11.198	266	116718	92.550	ng	98
71) Phenanthrene	11.416	178	553649	63.076	ng	100
72) Anthracene	11.469	178	494619	56.961	ng	99
73) Carbazole	11.627	167	457470	54.852	ng	99
74) Di-n-butylphthalate	11.951	149	1153561	113.743	ng	100
75) Fluoranthene	12.610	202	703057	73.273	ng	100
77) Benzidine	12.733	184	56595	20.879	ng	99
78) Pyrene	12.839	202	720943	52.452	ng	100
80) Butylbenzylphthalate	13.451	149	244400	49.712	ng	99
81) Benzo(a)anthracene	14.027	228	608949	60.270	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	116010	37.517	ng	97
83) Chrysene	14.062	228	533690	57.775	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	668748	108.933	ng	100
85) Di-n-octyl phthalate	14.621	149	649847	72.053	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	340758	50.038	ng	99
88) Benzo(b)fluoranthene	15.080	252	447652	59.837	ng	99
89) Benzo(k)fluoranthene	15.109	252	401313m	63.238	ng	
90) Benzo(a)pyrene	15.451	252	372283	63.111	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	264067	46.752	ng	99
92) Benzo(g,h,i)perylene	17.439	276	259827	45.868	ng	99

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

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