Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140273.D
Acq On : 07 Nov 2024 14:27
Operator : RC/JU
Sample : P4718-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-307-SB02MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 14:56:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	124801	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	475239	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	277394	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	516198	20.000	ng	0.00
76) Chrysene-d12	14.068	240	284018	20.000	ng	0.00
86) Perylene-d12	15.586	264	293574	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	795579	105.643	ng	0.00
7) Phenol-d6	6.504	99	1029384	106.271	ng	0.00
23) Nitrobenzene-d5	7.439	82	666023	69.678	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	331362	120.851	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1238982	71.321	ng	0.00
79) Terphenyl-d14	12.992	244	1330763	76.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	158831	45.875	ng	95
3) Pyridine	3.463	79	403726	47.789	ng	96
4) n-Nitrosodimethylamine	3.416	42	229741	47.103	ng	92
6) Aniline	6.539	93	451956	51.644	ng	98
8) 2-Chlorophenol	6.657	128	416682	52.881	ng	96
9) Benzaldehyde	6.428	77	61562	10.318	ng	97
10) Phenol	6.516	94	534935	51.999	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	396206	50.698	ng	97
12) 1,3-Dichlorobenzene	6.816	146	446908	48.400	ng	99
13) 1,4-Dichlorobenzene	6.892	146	458634	49.248	ng	99
14) 1,2-Dichlorobenzene	7.045	146	434447	49.948	ng	98
15) Benzyl Alcohol	7.016	79	386606	51.774	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	622917	49.242	ng	98
17) 2-Methylphenol	7.122	107	338402	51.483	ng	99
18) Hexachloroethane	7.386	117	167570	48.306	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	305751	49.478	ng	96
20) 3+4-Methylphenols	7.275	107	425814	51.581	ng	95
22) Acetophenone	7.281	105	571898	48.537	ng	98
24) Nitrobenzene	7.457	77	467178	46.579	ng	97
25) Isophorone	7.692	82	824046	50.067	ng	99
26) 2-Nitrophenol	7.775	139	215334	53.972	ng	95
27) 2,4-Dimethylphenol	7.804	122	333993	61.534	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	480578	48.793	ng	99
29) 2,4-Dichlorophenol	8.010	162	350214	52.156	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	380621	47.304	ng	99
31) Naphthalene	8.180	128	1200857	48.933	ng	100
32) Benzoic acid	7.922	122	241676	54.255	ng	94
33) 4-Chloroaniline	8.228	127	279115	34.548	ng	97
34) Hexachlorobutadiene	8.292	225	257654	47.308	ng	99
35) Caprolactam	8.592	113	115758m	56.670	ng	
36) 4-Chloro-3-methylphenol	8.704	107	388888	52.017	ng	98
37) 2-Methylnaphthalene	8.869	142	810384	50.598	ng	99
38) 1-Methylnaphthalene	8.969	142	756765	48.206	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	400992	49.379	ng	99
41) Hexachlorocyclopentadiene	9.022	237	427822	188.008	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	263899	52.441	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	275539	52.075	ng	98
46) 1,1'-Biphenyl	9.333	154	984333	49.093	ng	100
47) 2-Chloronaphthalene	9.363	162	740269	49.054	ng	99
48) 2-Nitroaniline	9.457	65	262416	51.996	ng	93
49) Acenaphthylene	9.780	152	1154339	54.028	ng	99
50) Dimethylphthalate	9.639	163	889136	52.046	ng	100
51) 2,6-Dinitrotoluene	9.698	165	206672	51.466	ng	98
52) Acenaphthene	9.951	154	886942	58.528	ng	99
53) 3-Nitroaniline	9.869	138	151809	40.148	ng	99
54) 2,4-Dinitrophenol	9.980	184	233982	115.761	ng	86
55) Dibenzofuran	10.127	168	1096117	51.726	ng	97
56) 4-Nitrophenol	10.033	139	325881	122.574	ng	95
57) 2,4-Dinitrotoluene	10.104	165	281533	54.027	ng	96
58) Fluorene	10.469	166	866197	51.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	247483	57.095	ng	96
60) Diethylphthalate	10.339	149	885754	52.175	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	425647	50.068	ng	98
62) 4-Nitroaniline	10.486	138	203943	54.275	ng	95
63) Azobenzene	10.621	77	980191	55.697	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	161015	59.391	ng	95
66) n-Nitrosodiphenylamine	10.580	169	756153	50.930	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	281694	50.677	ng	97
68) Hexachlorobenzene	11.016	284	313451	49.471	ng	97
69) Atrazine	11.104	200	276392	68.045	ng	98
70) Pentachlorophenol	11.210	266	369746	108.676	ng	98
71) Phenanthrene	11.433	178	1274979	51.755	ng	100
72) Anthracene	11.486	178	1290287	53.415	ng	100
73) Carbazole	11.639	167	1130349	51.212	ng	99
74) Di-n-butylphthalate	11.968	149	1372401	52.528	ng	99
75) Fluoranthene	12.621	202	1237839	48.055	ng	100
77) Benzidine	12.745	184	491990	88.598	ng	99
78) Pyrene	12.851	202	1234029	52.622	ng	99
80) Butylbenzylphthalate	13.474	149	475307	56.288	ng	95
81) Benzo(a)anthracene	14.057	228	943227	51.749	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	258341	45.134	ng	100
83) Chrysene	14.098	228	907486	53.167	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	608274	51.396	ng	100
85) Di-n-octyl phthalate	14.698	149	927876	52.089	ng	97
87) Indeno(1,2,3-cd)pyrene	17.103	276	845168	49.045	ng	100
88) Benzo(b)fluoranthene	15.151	252	865806	48.757	ng	99
89) Benzo(k)fluoranthene	15.180	252	892442	54.769	ng	100
90) Benzo(a)pyrene	15.527	252	820678	56.054	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	696388	49.118	ng	99
92) Benzo(g,h,i)perylene	17.556	276	603487	41.726	ng	99

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

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