Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139629.D
Acq On : 03 Oct 2024 14:08
Operator : RC/JU
Sample : PB163825BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163825BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 14:43:09 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	98407	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	389053	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	223003	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	427231	20.000	ng	0.00
76) Chrysene-d12	14.033	240	234220	20.000	ng	0.00
86) Perylene-d12	15.498	264	204939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	808513	142.404	ng	0.02
7) Phenol-d6	6.504	99	1091564	142.965	ng	0.00
23) Nitrobenzene-d5	7.434	82	718361	93.485	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	308871	143.479	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1347849	92.788	ng	0.00
79) Terphenyl-d14	12.980	244	1489529	104.349	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	104612	42.618	ng	98
3) Pyridine	3.493	79	282468	47.315	ng	97
4) n-Nitrosodimethylamine	3.451	42	198330	50.754	ng	98
6) Aniline	6.534	93	352814	52.074	ng	97
8) 2-Chlorophenol	6.657	128	322011	52.937	ng	97
9) Benzaldehyde	6.416	77	50068	12.379	ng	98
10) Phenol	6.522	94	416953	51.935	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	309173	47.297	ng	99
12) 1,3-Dichlorobenzene	6.810	146	325495	47.566	ng	99
13) 1,4-Dichlorobenzene	6.887	146	330321	47.661	ng	99
14) 1,2-Dichlorobenzene	7.039	146	316543	48.732	ng	98
15) Benzyl Alcohol	7.016	79	305406	52.351	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	569370	50.314	ng	87
17) 2-Methylphenol	7.128	107	265862	52.354	ng	98
18) Hexachloroethane	7.381	117	122705	47.466	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	246217	50.159	ng	99
20) 3+4-Methylphenols	7.281	107	335304	52.569	ng	95
22) Acetophenone	7.281	105	442924	47.962	ng	99
24) Nitrobenzene	7.451	77	374738	47.096	ng	99
25) Isophorone	7.692	82	681784	49.955	ng	100
26) 2-Nitrophenol	7.769	139	174238	50.937	ng	99
27) 2,4-Dimethylphenol	7.804	122	259893m	62.063	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	396261	48.622	ng	99
29) 2,4-Dichlorophenol	8.010	162	278123	50.919	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	281077	45.503	ng	100
31) Naphthalene	8.175	128	949777	47.747	ng	100
32) Benzoic acid	7.945	122	212966	51.145	ng	98
33) 4-Chloroaniline	8.222	127	176844	26.264	ng	99
34) Hexachlorobutadiene	8.286	225	181078	45.299	ng	99
35) Caprolactam	8.598	113	90251m	50.377	ng	
36) 4-Chloro-3-methylphenol	8.710	107	321800	52.045	ng	100
37) 2-Methylnaphthalene	8.863	142	628780	48.534	ng	100
38) 1-Methylnaphthalene	8.963	142	592709	46.804	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	294678	47.586	ng	99
41) Hexachlorocyclopentadiene	9.016	237	344314	181.335	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	211476	50.659	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	224869	49.950	ng	98
46) 1,1'-Biphenyl	9.328	154	798204	48.124	ng	100
47) 2-Chloronaphthalene	9.357	162	593799	47.755	ng	98
48) 2-Nitroaniline	9.451	65	235262	52.707	ng	99
49) Acenaphthylene	9.769	152	998111	52.783	ng	99
50) Dimethylphthalate	9.633	163	757202	51.870	ng	100
51) 2,6-Dinitrotoluene	9.698	165	162016	49.131	ng	95
52) Acenaphthene	9.939	154	727894m	56.071	ng	
53) 3-Nitroaniline	9.863	138	117865	34.976	ng	99
54) 2,4-Dinitrophenol	9.975	184	210452	118.654	ng	98
55) Dibenzofuran	10.116	168	908677	49.993	ng	99
56) 4-Nitrophenol	10.033	139	266617	103.749	ng	98
57) 2,4-Dinitrotoluene	10.098	165	221987	51.501	ng	97
58) Fluorene	10.457	166	714043	49.323	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	196511	54.045	ng	98
60) Diethylphthalate	10.333	149	773644	51.309	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	354595	48.960	ng	99
62) 4-Nitroaniline	10.486	138	173424	50.312	ng	98
63) Azobenzene	10.610	77	778627	51.349	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	129466	53.655	ng	98
66) n-Nitrosodiphenylamine	10.569	169	640841	50.888	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	214724	49.019	ng	99
68) Hexachlorobenzene	11.004	284	235293	48.407	ng	99
69) Atrazine	11.098	200	208220	61.625	ng	99
70) Pentachlorophenol	11.198	266	274958	95.000	ng	99
71) Phenanthrene	11.422	178	1024750	50.871	ng	100
72) Anthracene	11.475	178	1045091	52.441	ng	100
73) Carbazole	11.627	167	940475	49.135	ng	100
74) Di-n-butylphthalate	11.951	149	1207977	51.899	ng	100
75) Fluoranthene	12.604	202	1080554	49.070	ng	100
77) Benzidine	12.727	184	335827	81.287	ng	100
78) Pyrene	12.833	202	1086580	51.869	ng	99
80) Butylbenzylphthalate	13.451	149	416922	55.641	ng	98
81) Benzo(a)anthracene	14.021	228	780943	50.714	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	184084	39.060	ng	99
83) Chrysene	14.063	228	724470	51.459	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	542483	57.979	ng	100
85) Di-n-octyl phthalate	14.621	149	782837	56.951	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	655521	54.345	ng	100
88) Benzo(b)fluoranthene	15.074	252	630260	47.563	ng	100
89) Benzo(k)fluoranthene	15.104	252	596801	53.094	ng	99
90) Benzo(a)pyrene	15.439	252	574087	54.945	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	541403	54.116	ng	99
92) Benzo(g,h,i)perylene	17.427	276	493766	49.211	ng	99

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

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