Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140645.D
Acq On : 26 Nov 2024 16:41
Operator : RC/JU
Sample : P4985-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 17:13:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	52731	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	189393	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	102689	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	184551	20.000	ng	0.00
76) Chrysene-d12	14.045	240	115182	20.000	ng	0.00
86) Perylene-d12	15.545	264	96060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	319876	103.502	ng	0.00
7) Phenol-d6	6.510	99	412349	100.924	ng	0.00
23) Nitrobenzene-d5	7.434	82	261734	70.688	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	113050	102.935	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	480037	69.650	ng	-0.01
79) Terphenyl-d14	12.980	244	433537	58.609	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	58101	44.714	ng	98
3) Pyridine	3.393	79	149168	52.175	ng	98
4) n-Nitrosodimethylamine	3.334	42	79368	47.234	ng	96
6) Aniline	6.534	93	117681	40.921	ng	90
8) 2-Chlorophenol	6.657	128	168711	50.741	ng	96
9) Benzaldehyde	6.422	77	70572	32.628	ng	99
10) Phenol	6.522	94	218963	52.477	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	154695	48.448	ng	100
12) 1,3-Dichlorobenzene	6.810	146	180819	48.398	ng	98
13) 1,4-Dichlorobenzene	6.886	146	181170	47.892	ng	99
14) 1,2-Dichlorobenzene	7.039	146	174304	49.173	ng	99
15) Benzyl Alcohol	7.010	79	150543	49.685	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	192914	51.142	ng	97
17) 2-Methylphenol	7.128	107	130067	48.868	ng	97
18) Hexachloroethane	7.381	117	65796	46.569	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	115978	48.030	ng	98
20) 3+4-Methylphenols	7.281	107	169725	49.612	ng	95
22) Acetophenone	7.275	105	231342	50.103	ng	97
24) Nitrobenzene	7.451	77	184383	48.182	ng	98
25) Isophorone	7.692	82	312003	50.520	ng	99
26) 2-Nitrophenol	7.769	139	86046	50.738	ng	97
27) 2,4-Dimethylphenol	7.804	122	127871m	63.019	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	187359	49.799	ng	99
29) 2,4-Dichlorophenol	8.016	162	134920	50.181	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	143305	46.681	ng	99
31) Naphthalene	8.175	128	477122	48.908	ng	99
32) Benzoic acid	7.922	122	71666	41.698	ng	100
33) 4-Chloroaniline	8.228	127	57384	19.647	ng	95
34) Hexachlorobutadiene	8.286	225	95508	46.971	ng	99
35) Caprolactam	8.586	113	43314	52.056	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	151964	50.481	ng	99
37) 2-Methylnaphthalene	8.863	142	311580	50.285	ng	99
38) 1-Methylnaphthalene	8.963	142	289113	47.602	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	152554	50.746	ng	99
41) Hexachlorocyclopentadiene	9.016	237	55066	81.355	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	98443	52.186	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	104544	51.065	ng	96
46) 1,1'-Biphenyl	9.328	154	387567	50.551	ng	99
47) 2-Chloronaphthalene	9.357	162	286785	49.366	ng	98
48) 2-Nitroaniline	9.451	65	96990	52.014	ng	99
49) Acenaphthylene	9.769	152	471401	53.705	ng	99
50) Dimethylphthalate	9.627	163	344315	50.911	ng	100
51) 2,6-Dinitrotoluene	9.692	165	76159	49.653	ng	94
52) Acenaphthene	9.939	154	286167	51.311	ng	100
53) 3-Nitroaniline	9.863	138	47947	31.961	ng	95
54) 2,4-Dinitrophenol	9.980	184	52826	67.820	ng	94
55) Dibenzofuran	10.116	168	431317	50.702	ng	100
56) 4-Nitrophenol	10.039	139	111939	109.412	ng	92
57) 2,4-Dinitrotoluene	10.098	165	103406	50.727	ng	97
58) Fluorene	10.457	166	347306	50.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87809	55.809	ng	92
60) Diethylphthalate	10.327	149	349622	50.881	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	169370	50.543	ng	99
62) 4-Nitroaniline	10.480	138	70875	45.046	ng	96
63) Azobenzene	10.610	77	357849	54.993	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	42560	45.129	ng	99
66) n-Nitrosodiphenylamine	10.569	169	297848	54.574	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	98618	51.888	ng	96
68) Hexachlorobenzene	11.010	284	109827	49.905	ng	99
69) Atrazine	11.092	200	98378	64.075	ng	99
70) Pentachlorophenol	11.210	266	100109	103.356	ng	99
71) Phenanthrene	11.422	178	471570	53.158	ng	99
72) Anthracene	11.474	178	474034	54.627	ng	100
73) Carbazole	11.633	167	435481	52.166	ng	99
74) Di-n-butylphthalate	11.951	149	526813	54.661	ng	99
75) Fluoranthene	12.616	202	459205	47.676	ng	99
77) Benzidine	12.739	184	177273	52.935	ng	99
78) Pyrene	12.845	202	468927	44.031	ng	99
80) Butylbenzylphthalate	13.457	149	182272	47.509	ng	98
81) Benzo(a)anthracene	14.033	228	411398	53.957	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	103632	45.270	ng	99
83) Chrysene	14.074	228	363909	52.197	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	236140	48.744	ng	98
85) Di-n-octyl phthalate	14.639	149	385825	58.277	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	248797	39.743	ng	99
88) Benzo(b)fluoranthene	15.104	252	352788	58.470	ng	99
89) Benzo(k)fluoranthene	15.133	252	292684	55.433	ng	100
90) Benzo(a)pyrene	15.480	252	281981	57.478	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	210553	41.069	ng	99
92) Benzo(g,h,i)perylene	17.503	276	181377	34.669	ng	98

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

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