Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140668.D
Acq On : 27 Nov 2024 14:30
Operator : RC/JU
Sample : P4985-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 15:09:07 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	109841	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	410668	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	246111	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	470485	20.000	ng	0.00
76) Chrysene-d12	14.051	240	261870	20.000	ng	0.00
86) Perylene-d12	15.545	264	268749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	398499	61.901	ng	0.00
7) Phenol-d6	6.510	99	529179	62.177	ng	0.00
23) Nitrobenzene-d5	7.434	82	340304	42.386	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	175907	66.830	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	680480	41.196	ng	-0.01
79) Terphenyl-d14	12.980	244	683915	40.667	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	70951	26.213	ng	99
3) Pyridine	3.434	79	173478	29.130	ng	99
4) n-Nitrosodimethylamine	3.387	42	99000	28.284	ng	96
6) Aniline	6.534	93	177241	29.588	ng	99
8) 2-Chlorophenol	6.657	128	215218	31.074	ng	96
9) Benzaldehyde	6.422	77	86776	19.260	ng	99
10) Phenol	6.522	94	278227	32.011	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	197602	29.710	ng	99
12) 1,3-Dichlorobenzene	6.810	146	221748	28.494	ng	99
13) 1,4-Dichlorobenzene	6.886	146	227490	28.869	ng	100
14) 1,2-Dichlorobenzene	7.039	146	215165	29.140	ng	99
15) Benzyl Alcohol	7.016	79	199516	31.611	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	243680	31.012	ng	95
17) 2-Methylphenol	7.128	107	170032	30.668	ng	97
18) Hexachloroethane	7.381	117	84560	28.732	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	152430	30.305	ng	98
20) 3+4-Methylphenols	7.281	107	222762	31.260	ng	95
22) Acetophenone	7.281	105	298705	29.835	ng	98
24) Nitrobenzene	7.451	77	236133	28.457	ng	99
25) Isophorone	7.692	82	417641	31.188	ng	100
26) 2-Nitrophenol	7.769	139	113501	30.866	ng	100
27) 2,4-Dimethylphenol	7.804	122	169402m	38.503	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	252113	30.904	ng	100
29) 2,4-Dichlorophenol	8.016	162	186887	32.056	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	192003	28.844	ng	99
31) Naphthalene	8.175	128	628893	29.731	ng	100
32) Benzoic acid	7.939	122	107143	30.983	ng	100
33) 4-Chloroaniline	8.228	127	81967	12.942	ng	98
34) Hexachlorobutadiene	8.286	225	129266	29.319	ng	99
35) Caprolactam	8.592	113	62799m	34.807	ng	
36) 4-Chloro-3-methylphenol	8.716	107	216372	33.148	ng	100
37) 2-Methylnaphthalene	8.863	142	425719	31.686	ng	99
38) 1-Methylnaphthalene	8.963	142	396387	30.099	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	209798	29.119	ng	99
41) Hexachlorocyclopentadiene	9.016	237	155512	94.564	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	137408	30.393	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	148581	30.282	ng	99
46) 1,1'-Biphenyl	9.328	154	548084	29.828	ng	99
47) 2-Chloronaphthalene	9.351	162	406645	29.207	ng	99
48) 2-Nitroaniline	9.457	65	137358	30.736	ng	95
49) Acenaphthylene	9.769	152	676241	32.146	ng	99
50) Dimethylphthalate	9.627	163	509870	31.457	ng	100
51) 2,6-Dinitrotoluene	9.698	165	110691	30.111	ng	93
52) Acenaphthene	9.945	154	410916	30.742	ng	100
53) 3-Nitroaniline	9.869	138	75749	21.069	ng	93
54) 2,4-Dinitrophenol	9.980	184	124994	67.056	ng	97
55) Dibenzofuran	10.116	168	629949	30.898	ng	100
56) 4-Nitrophenol	10.045	139	156956	64.011	ng	93
57) 2,4-Dinitrotoluene	10.104	165	153069	31.331	ng	98
58) Fluorene	10.457	166	504376	30.820	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	131967	34.996	ng	92
60) Diethylphthalate	10.327	149	520157	31.585	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	253362	31.547	ng	99
62) 4-Nitroaniline	10.486	138	117319	31.112	ng	96
63) Azobenzene	10.610	77	521088	33.413	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	89934	37.407	ng	97
66) n-Nitrosodiphenylamine	10.569	169	438139	31.490	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	148333	30.614	ng	99
68) Hexachlorobenzene	11.010	284	171389	30.549	ng	99
69) Atrazine	11.098	200	146763	37.496	ng	99
70) Pentachlorophenol	11.210	266	153978	62.358	ng	98
71) Phenanthrene	11.427	178	714179	31.579	ng	99
72) Anthracene	11.474	178	729626	32.981	ng	99
73) Carbazole	11.633	167	664707	31.233	ng	100
74) Di-n-butylphthalate	11.951	149	799362	32.534	ng	100
75) Fluoranthene	12.616	202	730113	29.734	ng	100
77) Benzidine	12.739	184	74296	9.758	ng	99
78) Pyrene	12.845	202	731236	30.200	ng	99
80) Butylbenzylphthalate	13.457	149	271993	31.183	ng	100
81) Benzo(a)anthracene	14.039	228	551047	31.789	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	115065	22.109	ng	98
83) Chrysene	14.074	228	493446	31.131	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	355072	32.238	ng	99
85) Di-n-octyl phthalate	14.639	149	572420	38.029	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	487437	27.831	ng	99
88) Benzo(b)fluoranthene	15.104	252	530886	31.450	ng	100
89) Benzo(k)fluoranthene	15.133	252	447092	30.266	ng	99
90) Benzo(a)pyrene	15.480	252	466848	34.014	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	393411	27.428	ng	99
92) Benzo(g,h,i)perylene	17.509	276	347245	23.724	ng	99

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

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