Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138135.D
Acq On : 06 Jun 2024 16:11
Operator : CG\JU
Sample : P2704-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPOMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 16:48:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	350910	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1373918	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	790750	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1396583	20.000	ng	0.00
76) Chrysene-d12	14.068	240	678596	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	668869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	2400435	116.580	ng	0.01
7) Phenol-d6	6.534	99	2886918	110.815	ng	0.00
23) Nitrobenzene-d5	7.469	82	1973295	97.719	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1068156	140.363	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3875550	85.698	ng	0.00
79) Terphenyl-d14	13.015	244	4310207	95.004	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	333129	35.300	ng	# 84
3) Pyridine	3.569	79	683025	29.538	ng	99
4) n-Nitrosodimethylamine	3.522	42	487150	42.913	ng	94
6) Aniline	6.569	93	408448	15.463	ng	99
8) 2-Chlorophenol	6.692	128	1041399	46.750	ng	96
10) Phenol	6.545	94	1112985m	41.583	ng	
11) bis(2-Chloroethyl)ether	6.645	93	940230	43.820	ng	98
12) 1,3-Dichlorobenzene	6.851	146	1050427	41.156	ng	98
13) 1,4-Dichlorobenzene	6.928	146	1065288	41.443	ng	99
14) 1,2-Dichlorobenzene	7.075	146	1028570	42.628	ng	100
15) Benzyl Alcohol	7.045	79	851022	46.168	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1381959	43.872	ng	99
17) 2-Methylphenol	7.151	107	814404	45.169	ng	98
18) Hexachloroethane	7.422	117	370884	42.274	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	740588	44.583	ng	97
20) 3+4-Methylphenols	7.304	107	1041790	46.435	ng	93
22) Acetophenone	7.316	105	1392706	44.032	ng	97
24) Nitrobenzene	7.486	77	1045945	47.547	ng	99
25) Isophorone	7.728	82	2000013	44.957	ng	98
26) 2-Nitrophenol	7.804	139	509410	53.334	ng	94
27) 2,4-Dimethylphenol	7.839	122	804347	52.052	ng	99
28) bis(2-Chloroethoxy)met...	7.939	93	1225121	45.210	ng	99
29) 2,4-Dichlorophenol	8.039	162	932673	50.078	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	963510	42.875	ng	98
31) Naphthalene	8.210	128	2917310	43.900	ng	99
32) Benzoic acid	7.951	122	603567	50.284	ng	95
33) 4-Chloroaniline	8.251	127	145739	5.835	ng	98
34) Hexachlorobutadiene	8.328	225	547703	41.475	ng	99
35) Caprolactam	8.622	113	274426m	44.127	ng	
36) 4-Chloro-3-methylphenol	8.739	107	940292	49.267	ng	96
37) 2-Methylnaphthalene	8.898	142	2060544	45.996	ng	100
38) 1-Methylnaphthalene	8.998	142	1931098	44.026	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	1024972	45.911	ng	99
41) Hexachlorocyclopentadiene	9.051	237	995964	135.139	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	706401	52.115	ng	99
44) 2,4,5-Trichlorophenol	9.216	196	756487	50.648	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.363	154	2614201	47.065	ng	99
47) 2-Chloronaphthalene	9.386	162	2011692	45.446	ng	99
48) 2-Nitroaniline	9.486	65	559515	50.581	ng	94
49) Acenaphthylene	9.804	152	3156014	50.383	ng	99
50) Dimethylphthalate	9.669	163	2448548	49.280	ng	100
51) 2,6-Dinitrotoluene	9.727	165	536904	49.662	ng	90
52) Acenaphthene	9.974	154	2126916	50.252	ng	99
53) 3-Nitroaniline	9.892	138	106446	12.201	ng	94
54) 2,4-Dinitrophenol	9.998	184	432748	93.605	ng	97
55) Dibenzofuran	10.151	168	2864220	47.844	ng	100
56) 4-Nitrophenol	10.051	139	726684	96.158	ng	98
57) 2,4-Dinitrotoluene	10.127	165	719756	55.376	ng	95
58) Fluorene	10.492	166	2212411	46.528	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	649700	55.148	ng	99
60) Diethylphthalate	10.369	149	2342769	48.300	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	1126333	46.626	ng	98
62) 4-Nitroaniline	10.510	138	435982	47.010	ng	97
63) Azobenzene	10.645	77	2224173	47.608	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	301175	54.861	ng	91
66) n-Nitrosodiphenylamine	10.604	169	1927523	46.218	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	767842	48.286	ng	97
68) Hexachlorobenzene	11.039	284	889688	48.125	ng	96
69) Atrazine	11.127	200	390506	29.103	ng	100
70) Pentachlorophenol	11.227	266	1013730	102.436	ng	98
71) Phenanthrene	11.457	178	3218140	47.866	ng	99
72) Anthracene	11.510	178	3297252	49.171	ng	100
73) Carbazole	11.657	167	2638493	43.026	ng	99
74) Di-n-butylphthalate	11.992	149	3527955	48.944	ng	100
75) Fluoranthene	12.645	202	3224580	44.451	ng	97
77) Benzidine	12.763	184	73196m	10.482	ng	
78) Pyrene	12.874	202	3181930	51.848	ng	99
80) Butylbenzylphthalate	13.492	149	1248544	61.610	ng	95
81) Benzo(a)anthracene	14.057	228	2115196	49.405	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	93008	8.571	ng	99
83) Chrysene	14.092	228	2048002	49.844	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1592361	53.932	ng	99
85) Di-n-octyl phthalate	14.668	149	2264545	55.721	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1494398	41.542	ng	97
88) Benzo(b)fluoranthene	15.109	252	2032463	48.336	ng	100
89) Benzo(k)fluoranthene	15.145	252	1925364	48.016	ng	99
90) Benzo(a)pyrene	15.486	252	1684685	52.902	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	1155841	40.314	ng	100
92) Benzo(g,h,i)perylene	17.480	276	1108625	37.360	ng	99

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

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