Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137389.D
Acq On : 26 Feb 2024 17:05
Operator : CG\JU
Sample : P1538-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 17:52:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	202576	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	810539	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	420214	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	629560	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	335756	20.000	ng	-0.02
86) Perylene-d12	15.439	264	412095	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1488897	113.410	ng	0.00
7) Phenol-d6	6.422	99	2028182	105.021	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1176841	72.487	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	372408	101.772	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1653163	61.248	ng	-0.02
79) Terphenyl-d14	12.904	244	1188388	49.506	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	302849	42.110	ng	98
3) Pyridine	3.357	79	705115	38.799	ng	97
4) n-Nitrosodimethylamine	3.328	42	321807	46.678	ng	97
6) Aniline	6.451	93	413552	18.057	ng	96
8) 2-Chlorophenol	6.569	128	657980	46.728	ng	99
9) Benzaldehyde	6.339	77	92859	9.987	ng	98
10) Phenol	6.439	94	924367	43.734	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	688468	44.827	ng	96
12) 1,3-Dichlorobenzene	6.722	146	710779	47.005	ng	99
13) 1,4-Dichlorobenzene	6.798	146	705139	45.292	ng	98
14) 1,2-Dichlorobenzene	6.951	146	685970	47.635	ng	97
15) Benzyl Alcohol	6.928	79	585499	50.860	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1191053	46.657	ng	99
17) 2-Methylphenol	7.039	107	553308	41.530	ng	97
18) Hexachloroethane	7.292	117	247326	46.102	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	522993	43.947	ng	100
20) 3+4-Methylphenols	7.192	107	647011	42.608	ng	96
22) Acetophenone	7.192	105	896925	45.634	ng	98
24) Nitrobenzene	7.363	77	762398	46.215	ng	97
25) Isophorone	7.604	82	1465617	43.653	ng	99
26) 2-Nitrophenol	7.681	139	310468	49.176	ng	98
27) 2,4-Dimethylphenol	7.722	122	471197	38.161	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	881901	45.572	ng	99
29) 2,4-Dichlorophenol	7.922	162	539088	46.582	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	571719	46.025	ng	100
31) Naphthalene	8.086	128	1949786	44.825	ng	99
32) Benzoic acid	7.851	122	352537	46.853	ng	97
33) 4-Chloroaniline	8.139	127	69953	4.228	ng	96
34) Hexachlorobutadiene	8.198	225	340307	46.116	ng	99
35) Caprolactam	8.504	113	159348m	44.524	ng	
36) 4-Chloro-3-methylphenol	8.622	107	565152	43.075	ng	99
37) 2-Methylnaphthalene	8.775	142	1142586	40.765	ng	98
38) 1-Methylnaphthalene	8.875	142	1107965	41.810	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	552837	47.766	ng	98
41) Hexachlorocyclopentadiene	8.928	237	447948	85.364	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	358634	47.790	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	383139	44.503	ng		99
46) 1,1'-Biphenyl	9.239	154	1424000	46.527	ng		99
47) 2-Chloronaphthalene	9.263	162	1104057	47.767	ng		99
48) 2-Nitroaniline	9.363	65	313091	44.901	ng		96
49) Acenaphthylene	9.680	152	1741911	46.386	ng		99
50) Dimethylphthalate	9.545	163	1269657	43.726	ng		99
51) 2,6-Dinitrotoluene	9.610	165	253627	46.952	ng		94
52) Acenaphthene	9.851	154	974430	43.470	ng		99
53) 3-Nitroaniline	9.780	138	92275	16.575	ng		98
54) 2,4-Dinitrophenol	9.880	184	213439	79.943	ng		93
55) Dibenzofuran	10.027	168	1486192	42.897	ng		100
56) 4-Nitrophenol	9.945	139	344494	75.575	ng		98
57) 2,4-Dinitrotoluene	10.010	165	312197	45.763	ng		98
58) Fluorene	10.369	166	1096522	41.443	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	301423m	42.279	ng		
60) Diethylphthalate	10.251	149	1177776	43.445	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	539002	41.413	ng		99
62) 4-Nitroaniline	10.398	138	202295m	36.043	ng		
63) Azobenzene	10.527	77	1357140	41.842	ng		97
65) 4,6-Dinitro-2-methylph...	10.416	198	144523	47.046	ng		94
66) n-Nitrosodiphenylamine	10.486	169	963068	47.102	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	325588	48.107	ng		96
68) Hexachlorobenzene	10.916	284	342905	48.977	ng		97
69) Atrazine	11.016	200	291140	52.763	ng		98
70) Pentachlorophenol	11.116	266	376126	84.792	ng		99
71) Phenanthrene	11.333	178	1533306	44.145	ng		99
72) Anthracene	11.386	178	1554411	43.425	ng		99
73) Carbazole	11.545	167	1276195	41.729	ng		99
74) Di-n-butylphthalate	11.886	149	1690741	55.250	ng		99
75) Fluoranthene	12.527	202	1326189	39.115	ng		99
77) Benzidine	12.663	184	164777	31.524	ng		99
78) Pyrene	12.757	202	1328430	41.843	ng		100
80) Butylbenzylphthalate	13.392	149	323917	62.348	ng		92
81) Benzo(a)anthracene	13.951	228	1104254	47.396	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	174873	33.845	ng		99
83) Chrysene	13.992	228	1092824	45.916	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	513070	73.053	ng		99
85) Di-n-octyl phthalate	14.574	149	990695	73.146	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.939	276	1067393	37.820	ng		99
88) Benzo(b)fluoranthene	15.009	252	1183134	46.801	ng		99
89) Benzo(k)fluoranthene	15.039	252	1083009	40.874	ng		99
90) Benzo(a)pyrene	15.380	252	1060101	44.210	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	872594	37.663	ng		98
92) Benzo(g,h,i)perylene	17.392	276	798886	33.696	ng		99

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

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