Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137502.D
Acq On : 05 Mar 2024 16:01
Operator : CG\JU
Sample : P1672-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Quant Time: Mar 05 16:20:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	163434	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	610981	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	330621	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	562603	20.000	ng		0.00
76) Chrysene-d12	14.045	240	306155	20.000	ng		0.00
86) Perylene-d12	15.568	264	352773	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	927515	85.953	ng		0.00
7) Phenol-d6	6.498	99	1230201	78.978	ng		0.00
23) Nitrobenzene-d5	7.416	82	732394	55.697	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	230159	79.272	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1189359	56.312	ng		0.00
79) Terphenyl-d14	12.980	244	1234729	55.458	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	248220	42.069	ng		99
3) Pyridine	3.481	79	571464	40.158	ng		97
4) n-Nitrosodimethylamine	3.457	42	267842	46.586	ng		97
6) Aniline	6.522	93	538467	28.291	ng		91
8) 2-Chlorophenol	6.645	128	523533	45.998	ng		98
9) Benzaldehyde	6.416	77	288765	37.840	ng		95
10) Phenol	6.510	94	737784	44.006	ng		99
11) bis(2-Chloroethyl)ether	6.598	93	545754	44.422	ng		99
12) 1,3-Dichlorobenzene	6.798	146	559463	46.000	ng		96
13) 1,4-Dichlorobenzene	6.875	146	572569	46.012	ng		99
14) 1,2-Dichlorobenzene	7.022	146	542015	47.455	ng		99
15) Benzyl Alcohol	6.998	79	477280	49.218	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	893386	42.304	ng		99
17) 2-Methylphenol	7.110	107	425757	39.976	ng		99
18) Hexachloroethane	7.363	117	194768	47.535	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	386870	40.221	ng		98
20) 3+4-Methylphenols	7.263	107	503321	41.264	ng	#	89
22) Acetophenone	7.263	105	692984	46.877	ng		98
24) Nitrobenzene	7.434	77	597526	45.235	ng		100
25) Isophorone	7.669	82	1095920	43.869	ng		100
26) 2-Nitrophenol	7.751	139	256710	48.950	ng		95
27) 2,4-Dimethylphenol	7.792	122	364799	37.228	ng		95
28) bis(2-Chloroethoxy)met...	7.887	93	655136	44.696	ng		99
29) 2,4-Dichlorophenol	7.992	162	421156	46.829	ng		96
30) 1,2,4-Trichlorobenzene	8.075	180	445255	47.046	ng		100
31) Naphthalene	8.151	128	1467372	44.762	ng		99
32) Benzoic acid	7.892	122	82703	19.031	ng		98
33) 4-Chloroaniline	8.204	127	189170	14.717	ng		98
34) Hexachlorobutadiene	8.269	225	256224	45.857	ng		100
35) Caprolactam	8.575	113	133558m	43.796	ng		
36) 4-Chloro-3-methylphenol	8.692	107	447844	44.549	ng		100
37) 2-Methylnaphthalene	8.845	142	910489	43.568	ng		99
38) 1-Methylnaphthalene	8.945	142	839912	42.678	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	432200	46.825	ng		99
41) Hexachlorocyclopentadiene	8.998	237	315842	83.453	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	275181	45.782	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	282901	40.858	ng		96
46) 1,1'-Biphenyl	9.310	154	1116385	46.134	ng		98
47) 2-Chloronaphthalene	9.334	162	856795	46.440	ng		99
48) 2-Nitroaniline	9.434	65	297932	47.511	ng		92
49) Acenaphthylene	9.751	152	1408790	47.715	ng		100
50) Dimethylphthalate	9.616	163	1016105	44.150	ng		100
51) 2,6-Dinitrotoluene	9.681	165	220846	45.877	ng		91
52) Acenaphthene	9.922	154	774308	43.928	ng		99
53) 3-Nitroaniline	9.851	138	149775	29.415	ng		91
54) 2,4-Dinitrophenol	9.957	184	109439	50.044	ng		99
55) Dibenzofuran	10.098	168	1187971	44.250	ng		99
56) 4-Nitrophenol	10.016	139	294801	81.301	ng		93
57) 2,4-Dinitrotoluene	10.086	165	283691	47.968	ng		99
58) Fluorene	10.439	166	889658	43.149	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	229924	41.410	ng		94
60) Diethylphthalate	10.322	149	966486	44.469	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	430360	42.590	ng		93
62) 4-Nitroaniline	10.469	138	197214	45.064	ng		97
63) Azobenzene	10.598	77	1112805	44.466	ng		99
65) 4,6-Dinitro-2-methylph...	10.492	198	107861	34.398	ng		94
66) n-Nitrosodiphenylamine	10.557	169	822071	45.377	ng		100
67) 4-Bromophenyl-phenylether	10.928	248	277061	45.214	ng		96
68) Hexachlorobenzene	10.992	284	292462	47.254	ng	#	93
69) Atrazine	11.092	200	263452	47.836	ng		98
70) Pentachlorophenol	11.186	266	247836	66.241	ng		98
71) Phenanthrene	11.410	178	1367963	44.678	ng		100
72) Anthracene	11.463	178	1416047	45.030	ng		99
73) Carbazole	11.622	167	1244333	46.196	ng		98
74) Di-n-butylphthalate	11.957	149	1522158	47.497	ng		100
75) Fluoranthene	12.604	202	1330999	44.473	ng		99
77) Benzidine	12.739	184	457683	61.087	ng		98
78) Pyrene	12.833	202	1335380	44.452	ng		100
80) Butylbenzylphthalate	13.469	149	454496	59.241	ng		98
81) Benzo(a)anthracene	14.033	228	982446	45.784	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	172763	30.233	ng		98
83) Chrysene	14.069	228	1005533	46.364	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	620568	63.640	ng		99
85) Di-n-octyl phthalate	14.663	149	1102550	57.421	ng		98
87) Indeno(1,2,3-cd)pyrene	17.157	276	1056638	45.515	ng		98
88) Benzo(b)fluoranthene	15.116	252	974372	46.692	ng		99
89) Benzo(k)fluoranthene	15.151	252	955581	42.633	ng		99
90) Benzo(a)pyrene	15.504	252	929616	45.205	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	846521	44.951	ng		98
92) Benzo(g,h,i)perylene	17.639	276	795272	41.120	ng		99

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

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