Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136810.D
Acq On : 28 Dec 2023 23:55
Operator : CG\JU
Sample : 05671-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-35MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 29 00:16:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	76334	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	273362	20.000	ng		# 0.00
39) Acenaphthene-d10	9.816	164	111053	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	172458	20.000	ng		# 0.00
76) Chrysene-d12	13.968	240	153041	20.000	ng		# 0.00
86) Perylene-d12	15.445	264	130923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	412555	84.327	ng		0.00
7) Phenol-d6	6.434	99	507792	80.103	ng		0.00
23) Nitrobenzene-d5	7.345	82	313803	58.741	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	95443	72.974	ng		-0.01
45) 2-Fluorobiphenyl	9.139	172	524287	63.497	ng		-0.01
79) Terphenyl-d14	12.904	244	423404	38.662	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	61549	30.194	ng		100
3) Pyridine	3.328	79	155314	31.228	ng		98
4) n-Nitrosodimethylamine	3.293	42	93540	35.219	ng		98
6) Aniline	6.451	93	144085	22.734	ng	#	31
8) 2-Chlorophenol	6.575	128	204572	38.210	ng		93
9) Benzaldehyde	6.339	77	67224	18.643	ng		97
10) Phenol	6.445	94	242991	35.907	ng		98
11) bis(2-Chloroethyl)ether	6.522	93	192629	37.430	ng		98
12) 1,3-Dichlorobenzene	6.722	146	207124	35.464	ng		99
13) 1,4-Dichlorobenzene	6.798	146	214073	35.872	ng		100
14) 1,2-Dichlorobenzene	6.951	146	199093	35.853	ng		99
15) Benzyl Alcohol	6.934	79	166574	38.949	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	305543	36.314	ng		89
17) 2-Methylphenol	7.045	107	157629	35.540	ng		98
18) Hexachloroethane	7.286	117	73273	33.809	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	138149	35.950	ng		97
20) 3+4-Methylphenols	7.198	107	197933	35.721	ng	#	80
22) Acetophenone	7.192	105	277867	40.554	ng		92
24) Nitrobenzene	7.369	77	202418	37.825	ng		92
25) Isophorone	7.604	82	366626	37.717	ng		100
26) 2-Nitrophenol	7.681	139	102070	39.866	ng		95
27) 2,4-Dimethylphenol	7.722	122	149768	48.048	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	230306	38.978	ng		98
29) 2,4-Dichlorophenol	7.928	162	149609	37.281	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	166402	37.216	ng		100
31) Naphthalene	8.081	128	565761	37.673	ng		100
32) Benzoic acid	7.851	122	99468	32.980	ng		99
33) 4-Chloroaniline	8.133	127	86693	15.635	ng		98
34) Hexachlorobutadiene	8.198	225	99460	36.613	ng		99
35) Caprolactam	8.510	113	44677m	33.748	ng		
36) 4-Chloro-3-methylphenol	8.628	107	145805	32.274	ng		96
37) 2-Methylnaphthalene	8.775	142	334000	34.558	ng		100
38) 1-Methylnaphthalene	8.875	142	323765	34.145	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	163873	47.648	ng		99
41) Hexachlorocyclopentadiene	8.922	237	42524	41.302	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	94365	42.783	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	90869	36.970	ng		99
46) 1,1'-Biphenyl	9.239	154	423034	45.395	ng		99
47) 2-Chloronaphthalene	9.263	162	296426	41.842	ng		100
48) 2-Nitroaniline	9.363	65	89294	40.250	ng		98
49) Acenaphthylene	9.680	152	466546	43.085	ng		99
50) Dimethylphthalate	9.539	163	341880	42.147	ng		99
51) 2,6-Dinitrotoluene	9.610	165	70254	38.162	ng		96
52) Acenaphthene	9.851	154	264386	39.388	ng		99
53) 3-Nitroaniline	9.775	138	57321	29.393	ng		96
54) 2,4-Dinitrophenol	9.886	184	34294	35.778	ng	#	80
55) Dibenzofuran	10.022	168	400779	39.388	ng		99
56) 4-Nitrophenol	9.951	139	78141	59.357	ng		97
57) 2,4-Dinitrotoluene	10.016	165	82531	34.533	ng	#	92
58) Fluorene	10.369	166	298855	37.017	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	68017	35.949	ng		99
60) Diethylphthalate	10.245	149	323426	38.429	ng		98
61) 4-Chlorophenyl-phenyle...	10.357	204	147512	37.590	ng		99
62) 4-Nitroaniline	10.392	138	55030m	29.272	ng		
63) Azobenzene	10.522	77	271727	34.567	ng		96
65) 4,6-Dinitro-2-methylph...	10.422	198	28168	28.500	ng		94
66) n-Nitrosodiphenylamine	10.480	169	252453	45.063	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	81372	42.486	ng		96
68) Hexachlorobenzene	10.916	284	85978	40.282	ng		98
69) Atrazine	11.010	200	75544	52.722	ng		98
70) Pentachlorophenol	11.116	266	77173	77.571	ng		94
71) Phenanthrene	11.333	178	482929	54.575	ng		99
72) Anthracene	11.386	178	391862	43.727	ng		99
73) Carbazole	11.545	167	358356	42.413	ng		99
74) Di-n-butylphthalate	11.874	149	438501	42.532	ng		100
75) Fluoranthene	12.527	202	611651	64.620	ng		98
77) Benzidine	12.651	184	71493	15.843	ng		97
78) Pyrene	12.757	202	608933	40.532	ng		99
80) Butylbenzylphthalate	13.380	149	195139	35.696	ng		97
81) Benzo(a)anthracene	13.957	228	521305	49.055	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	124736	41.331	ng		99
83) Chrysene	13.992	228	498390	47.959	ng		97
84) Bis(2-ethylhexyl)phtha...	13.945	149	279902	40.695	ng		97
85) Di-n-octyl phthalate	14.562	149	521088	48.978	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	339290	35.893	ng		98
88) Benzo(b)fluoranthene	15.015	252	454754	52.005	ng		99
89) Benzo(k)fluoranthene	15.045	252	390842	47.302	ng		99
90) Benzo(a)pyrene	15.386	252	354440	48.019	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	261416	33.709	ng		97
92) Benzo(g,h,i)perylene	17.409	276	271239	34.149	ng		99

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

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